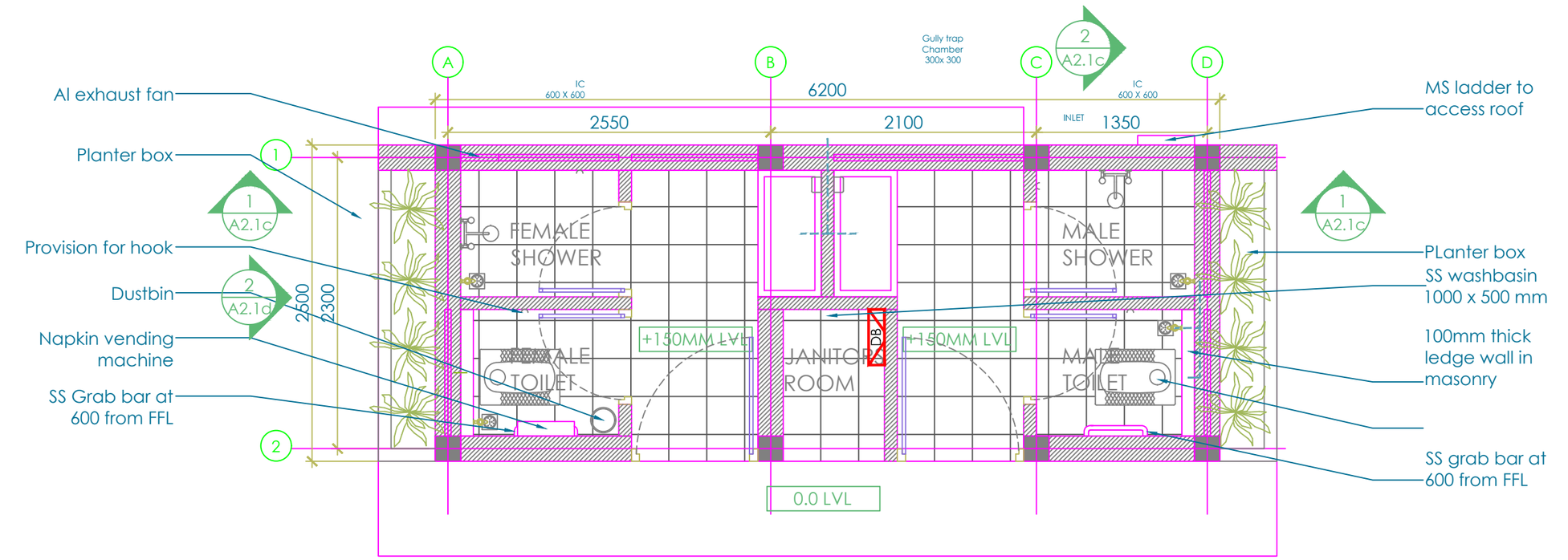
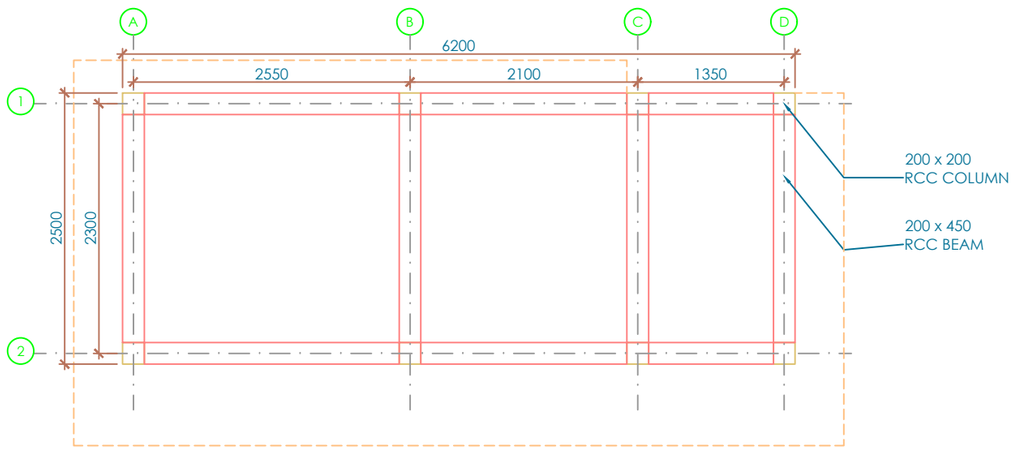
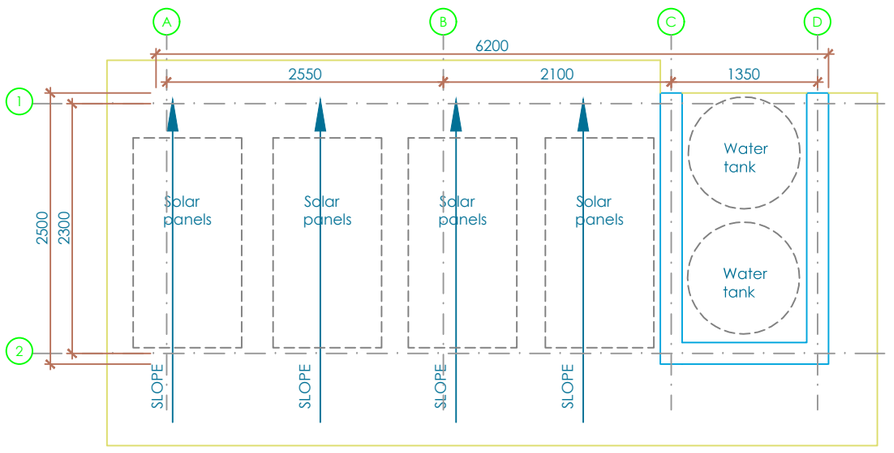
GOOD FOR CONSTRUCTION



1 PLAN
SCALE 1:50



2 STRUCTURAL LAYOUT
SCALE 1:50



3 ROOF PLAN
SCALE 1:50

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   40 mm for columns; 25 mm for slabs
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Consultant seal and signature

ISSUE NO	REV.NO	DETAILS OF REVISION	DATE	REV. BY	APP.BY

PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN RR NAGARA ZONE

CLIENT

BRUHAT BENGALURU MAHANAGARA PALIKE
SOLID WASTE MANAGEMENT

CONSULTANT

ALCON CONSULTING ENGINEERS (INDIA) PVT. LTD.
No. 35, 4th MAIN, 4th STAGE, NEXT TO TRINITY MOTORS,
INDUSTRIAL TOWN, BASAVESHWARANAGAR, BENGALURU-560 079
PHONE: 080-42472233, 23384676, FAX : 91(080)42472222
EMAIL : mail@alconsurvey.com

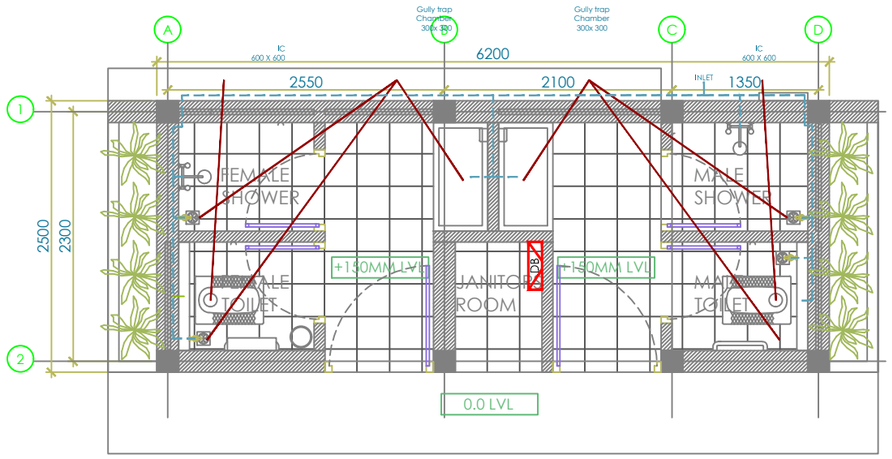
SHEET :

SCALE :

DISCIPLINE : ARCHITECTURAL

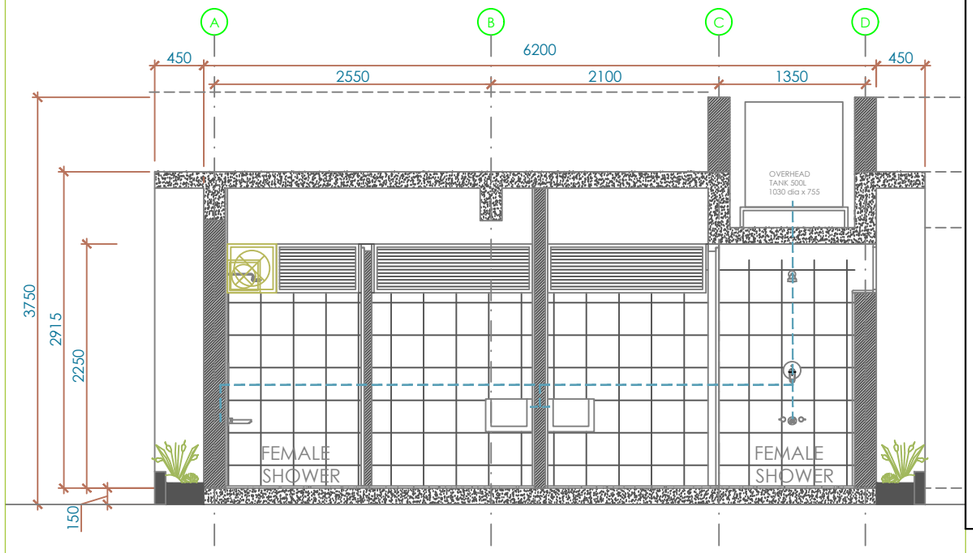
TITLE :

TYPE 01 SMALL



1 PLUMBING LAYOUT - PLAN
SCALE 1:50

GOOD FOR CONSTRUCTION



2 PLUMBING LAYOUT - SECTION
SCALE 1:50

NOTES AND SPECIFICATION :

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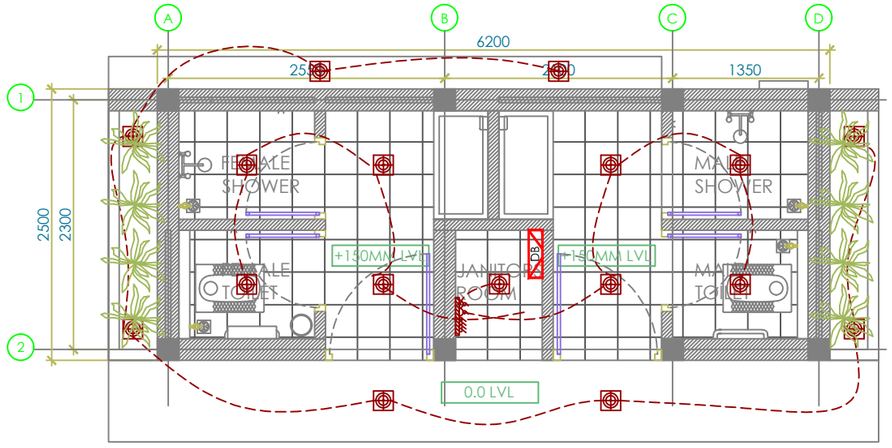

3 ELECTRICAL LAYOUT
SCALE 1:50

Consultant seal and signature

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PURPOSE : GOOD FOR CONCTRUCTION

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EMAIL : mail@alconsurvey.com

SHEET :

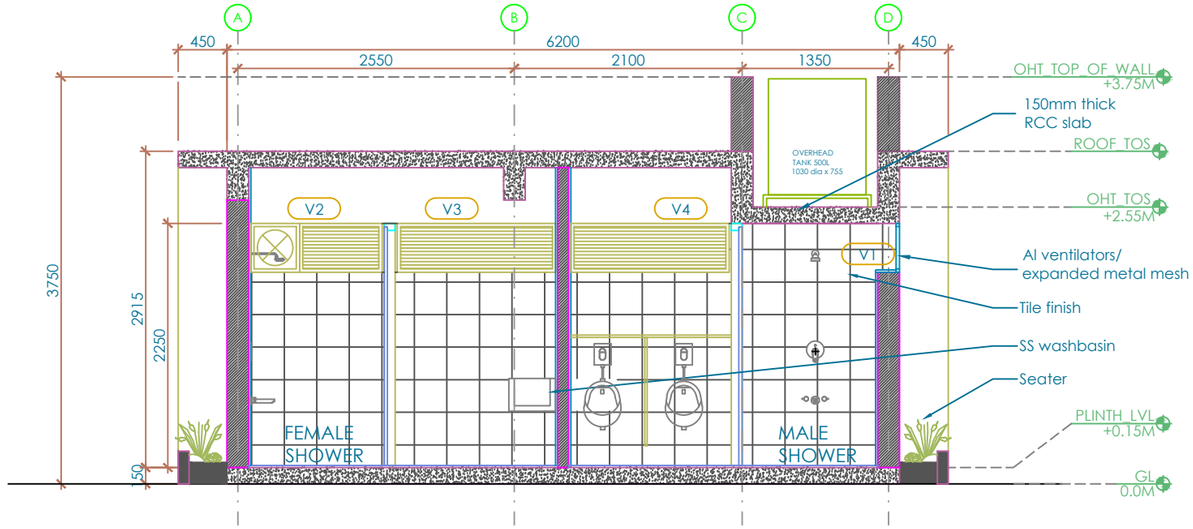
SCALE :

DISCIPLINE : ARCHITECTURAL

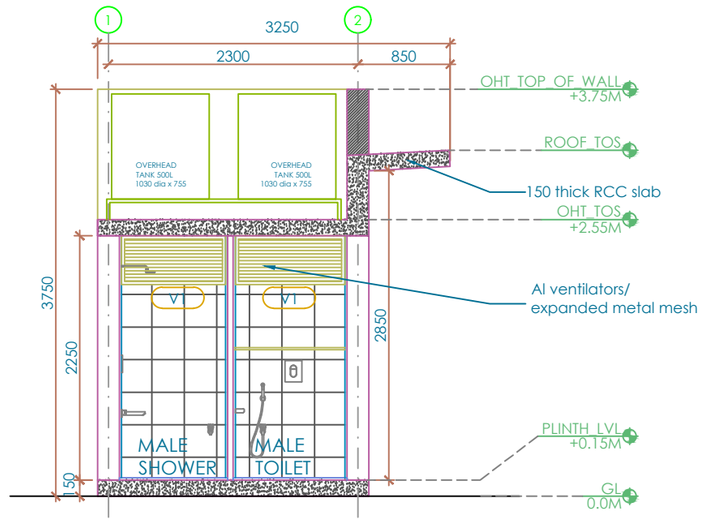
TITLE :

TYPE 01 SMALL

GOOD FOR CONSTRUCTION



1 SECTION
SCALE 1:50



2 SECTION
SCALE 1:50

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CLIENT

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EMAIL : mail@alconsurvey.com

SHEET :

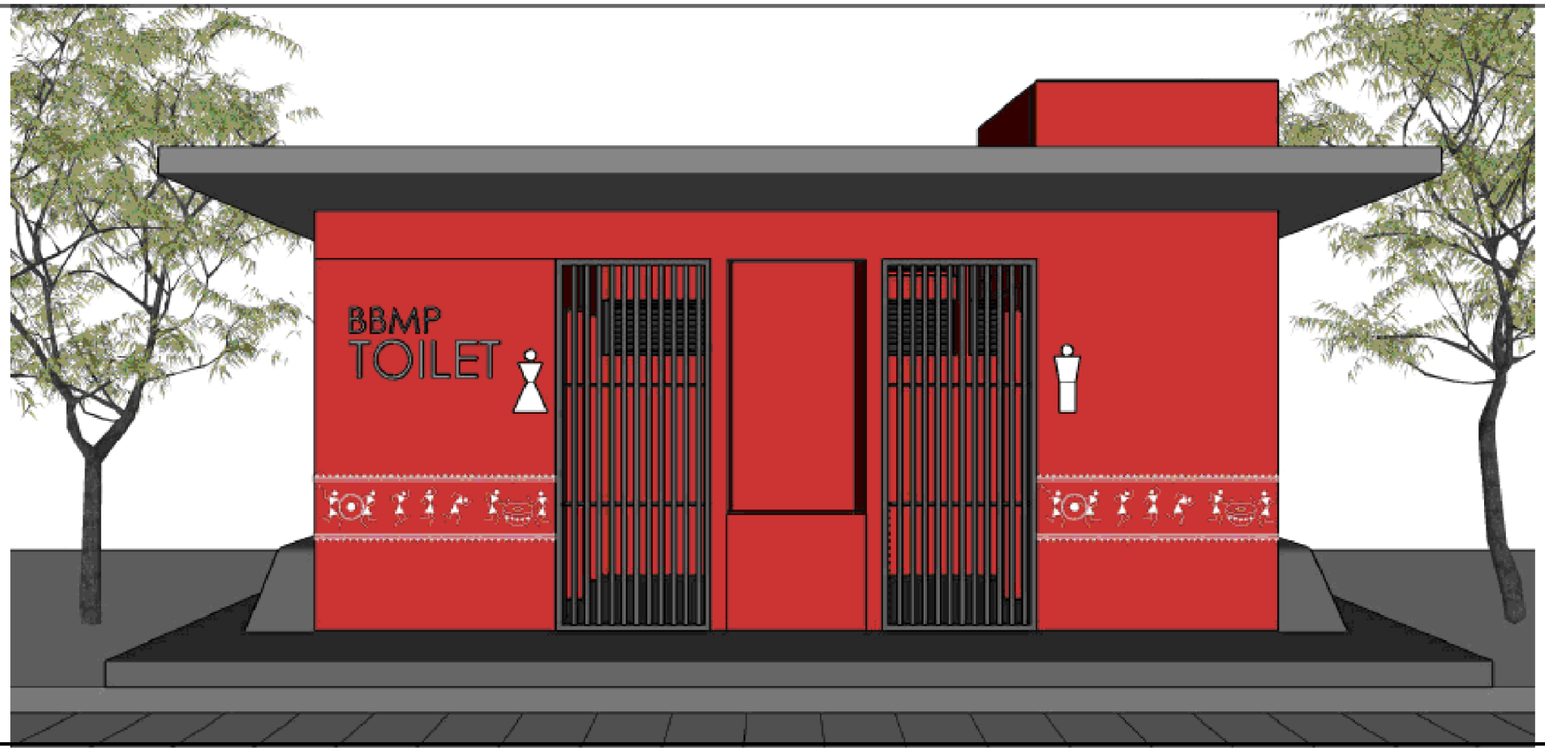
SCALE :

DISCIPLINE : ARCHITECTURAL

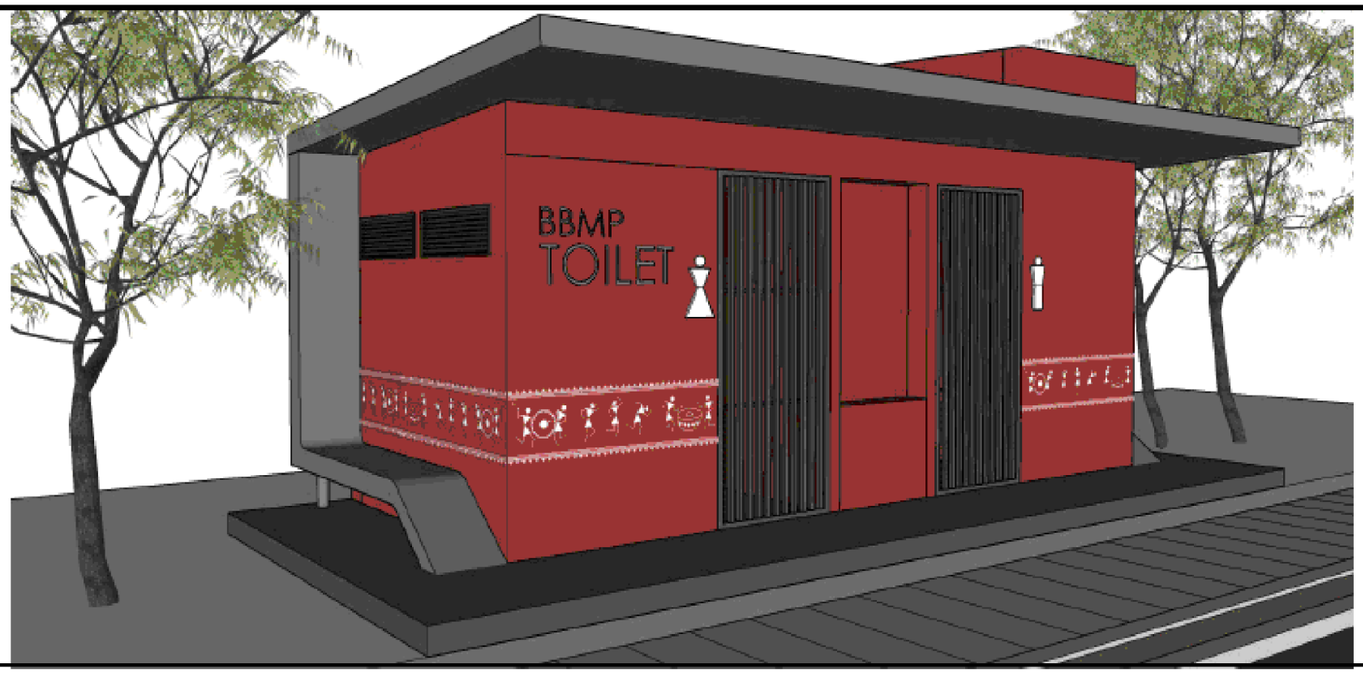
TITLE :

TYPE 01 SMALL

GOOD FOR CONSTRUCTION



1 FRONT VIEW



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CLIENT

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SHEET :

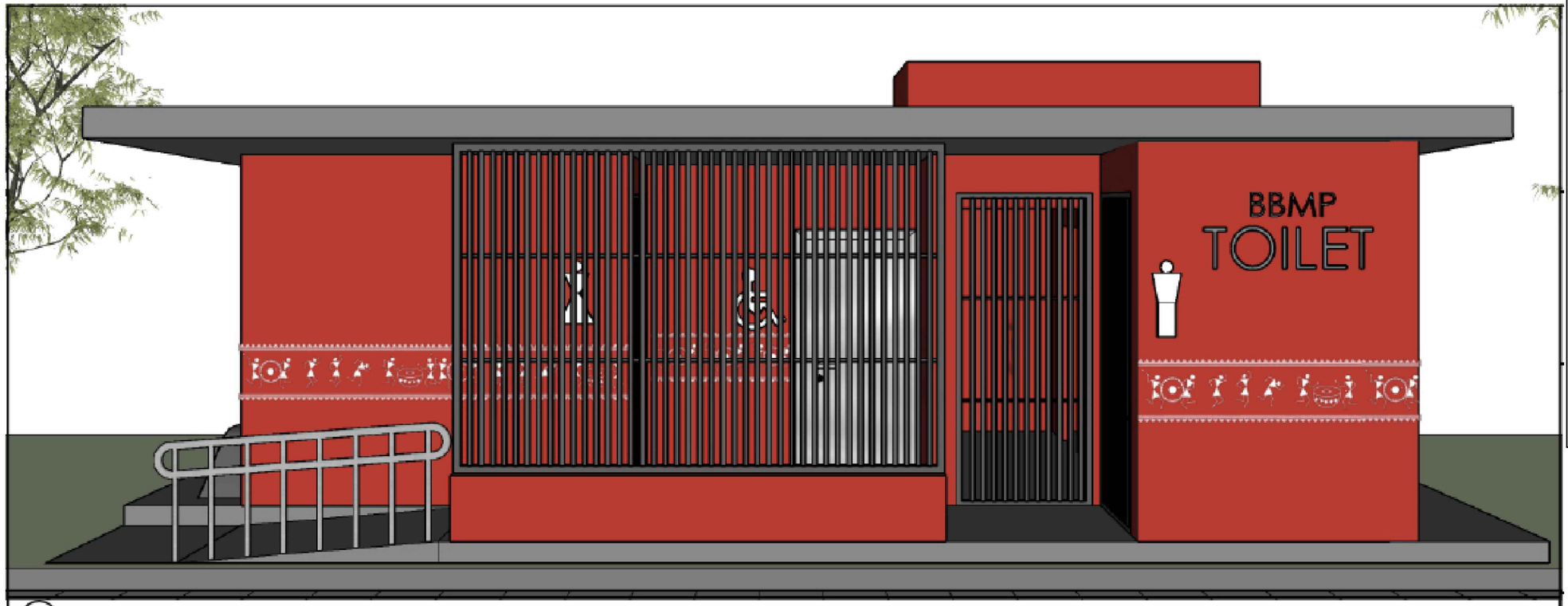
SCALE :

DISCIPLINE : ARCHITECTURAL

TITLE :

TYPE 01 SMALL

GOOD FOR CONSTRUCTION



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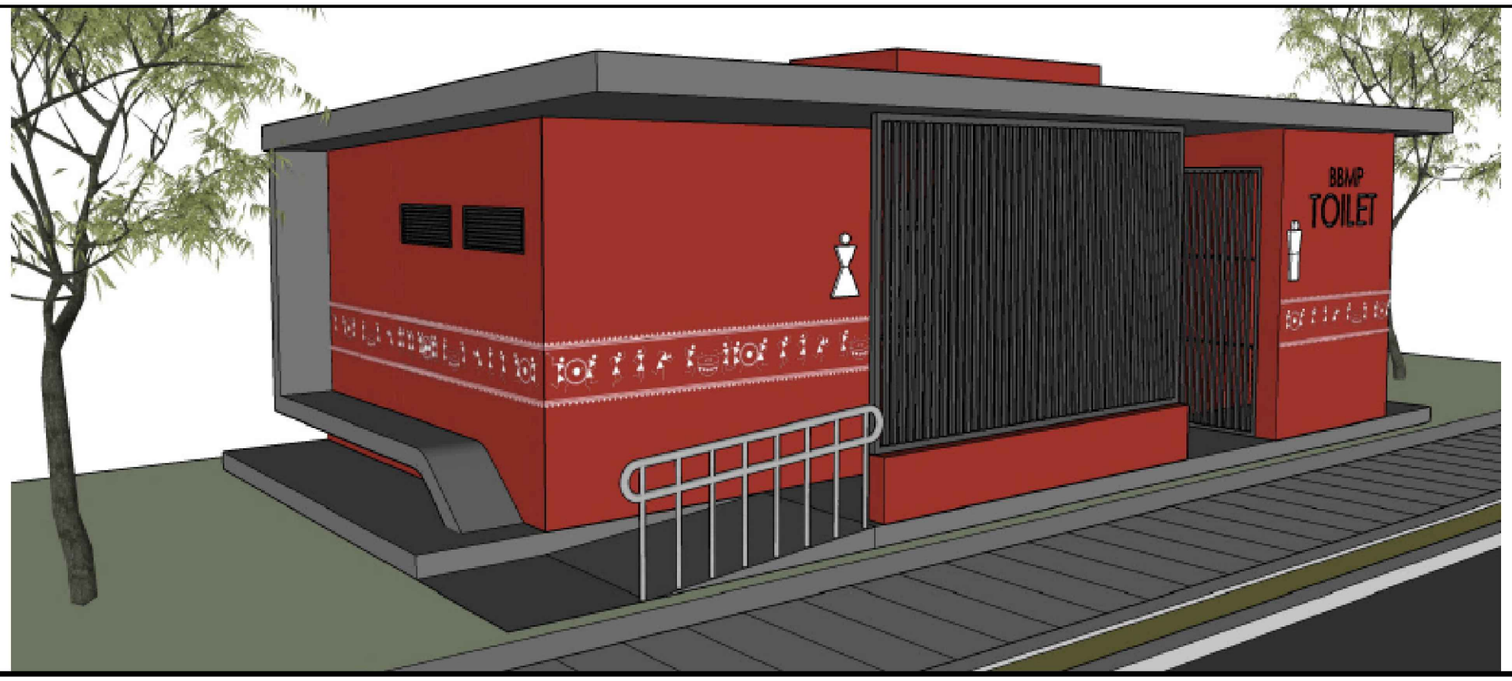

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SHEET :

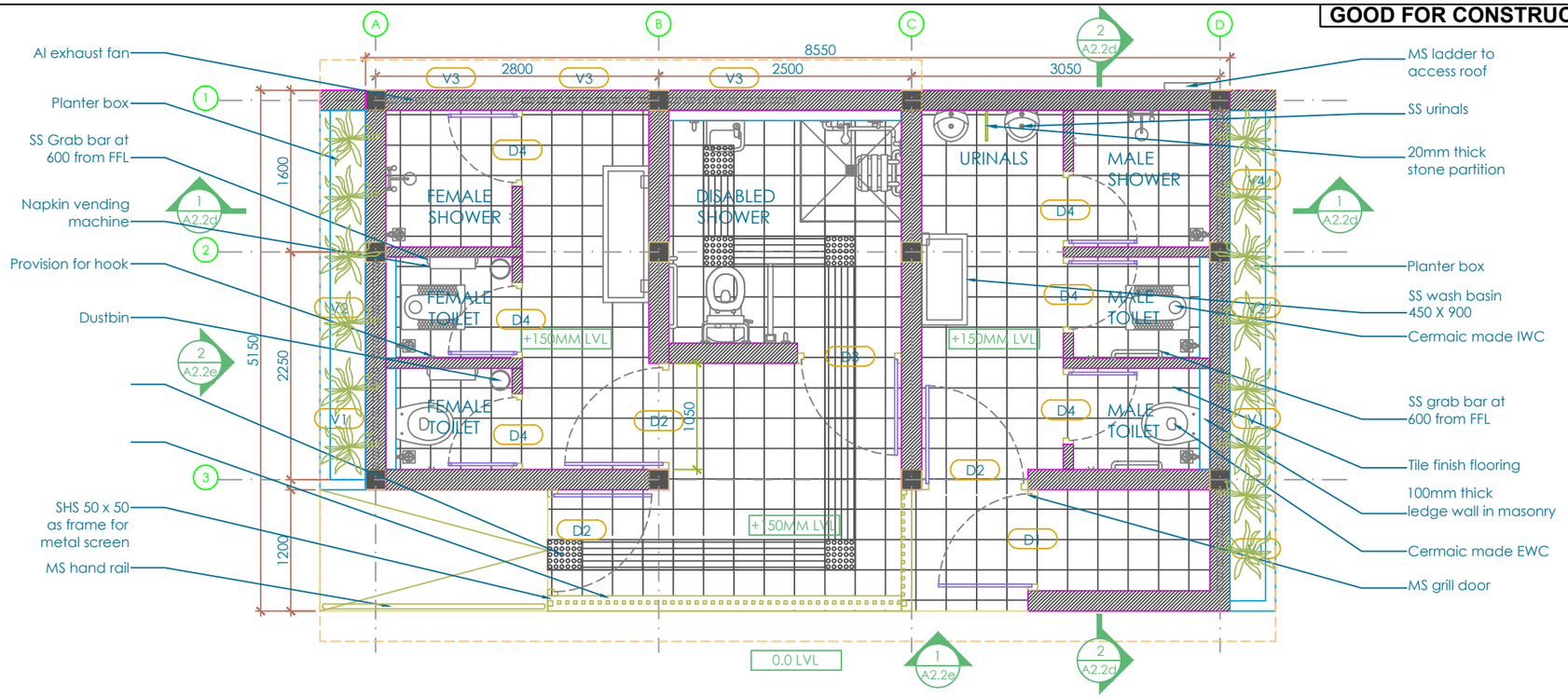
SCALE :

DISCIPLINE : ARCHITECTURAL

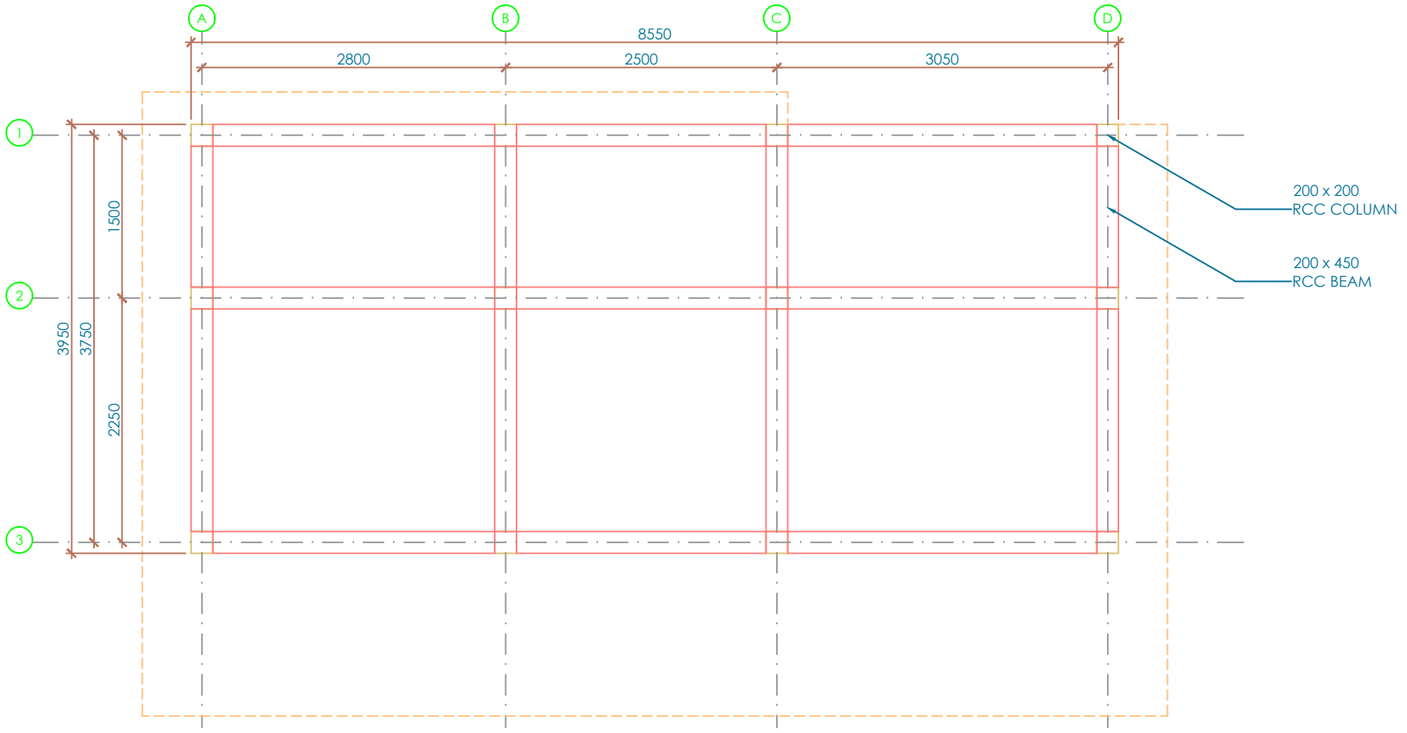
TITLE :

TYPE 01 MEDIUM

GOOD FOR CONSTRUCTION



1 SECTION
SCALE 1:50



2 STRUCTURAL LAYOUT
SCALE 1:50

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CLIENT

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SHEET :

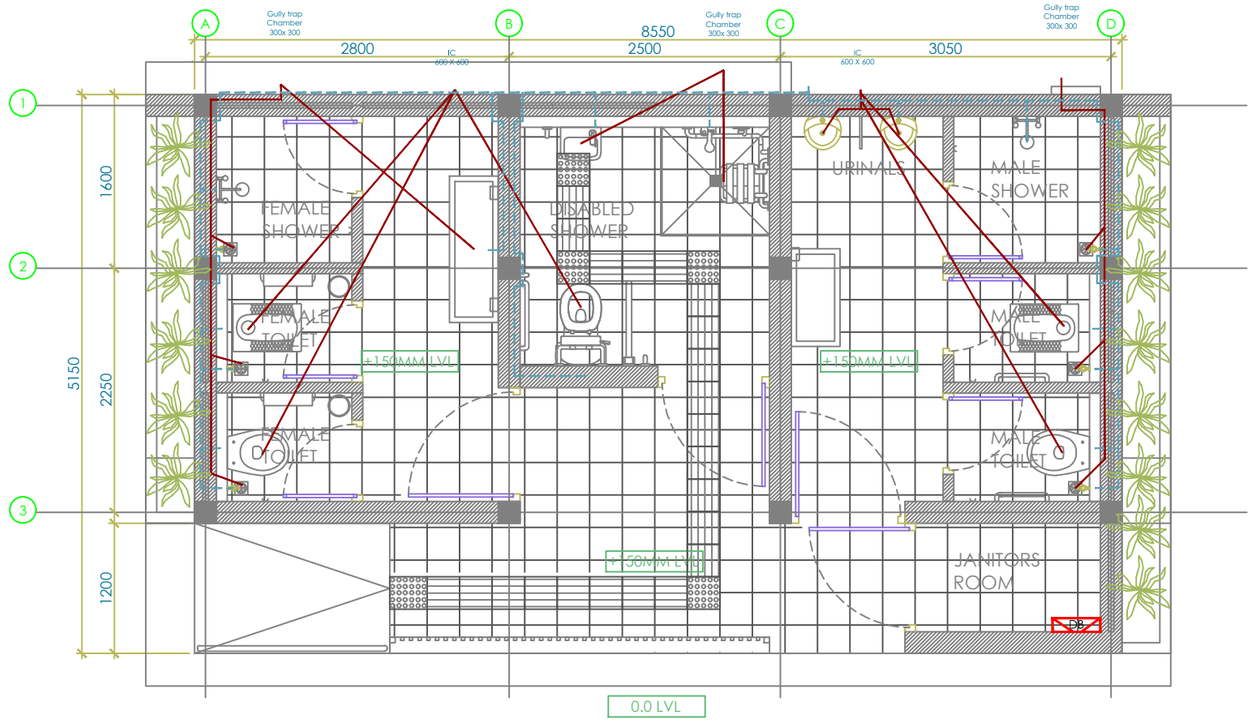
SCALE :

DISCIPLINE : ARCHITECTURAL

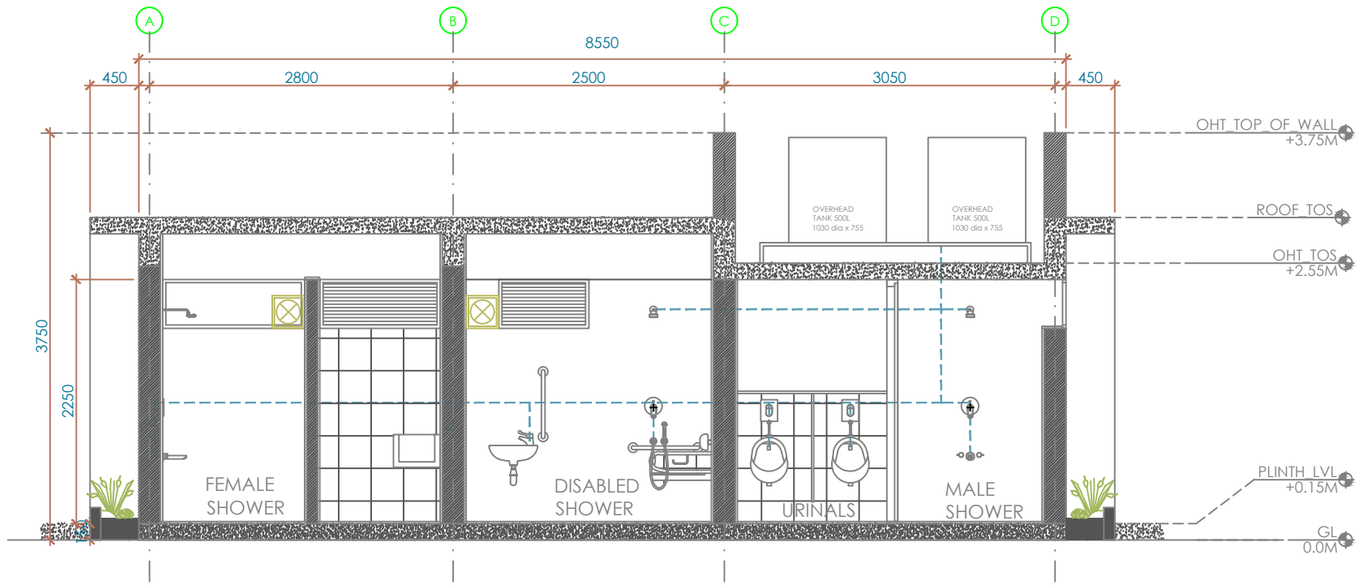
TITLE :

TYPE 01 MEDIUM

GOOD FOR CONSTRUCTION



1 PLUMBING LAYOUT - PLAN
SCALE 1:50



2 PLUMBING LAYOUT - SECTION
SCALE 1:50

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6) Clear cover to be provided for the reinforcements ;
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   40 mm for columns; 25 mm for slabs
7) Grade of Steel - Fe 500
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Consultant seal and signature

ISSUE NO	REV.NO	DETAILS OF REVISION	DATE	REV. BY	APP.BY

PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN RR NAGARA ZONE

CLIENT

BRUHAT BENGALURU MAHANAGARA PALIKE
SOLID WASTE MANAGEMENT

CONSULTANT

ALCON CONSULTING ENGINEERS (INDIA) PVT. LTD.
No. 35, 4th MAIN, 4th STAGE, NEXT TO TRINITY MOTORS,
INDUSTRIAL TOWN, BASAVESHWARANAGAR, BENGALURU-560 079
PHONE: 080-42472233, 23384676, FAX : 91(080)42472222
EMAIL : mail@alconsurvey.com

SHEET :

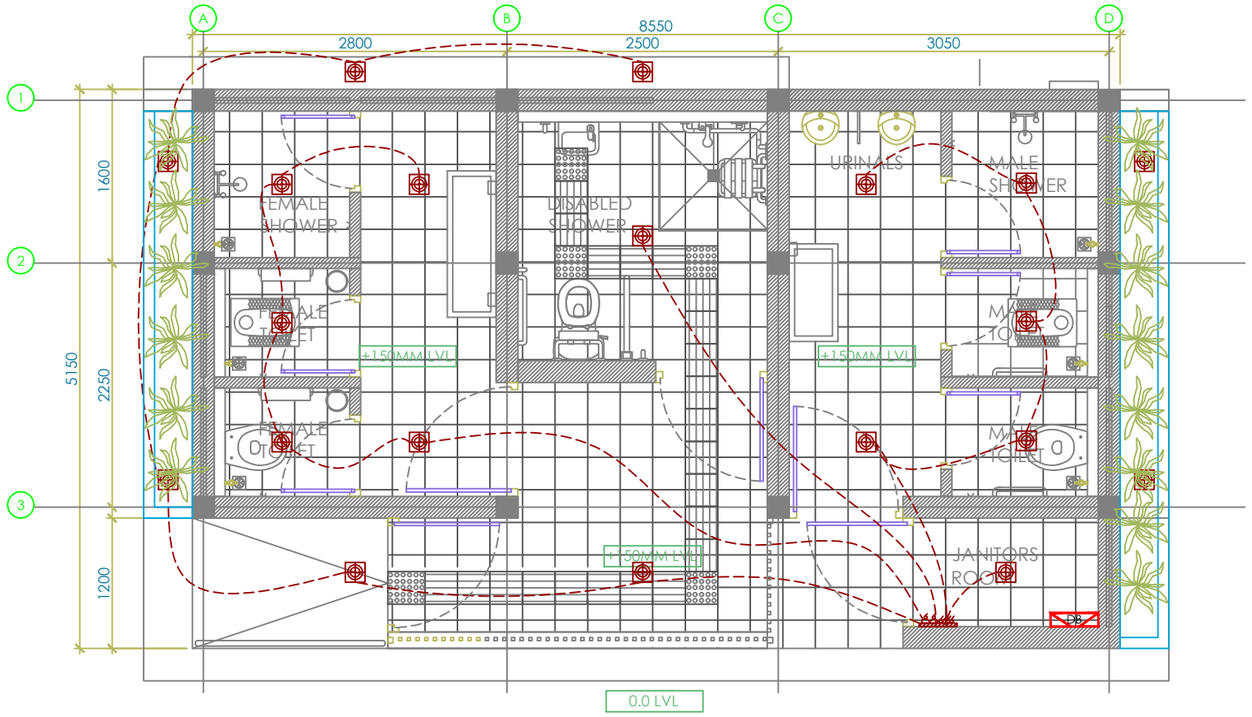
SCALE :

DISCIPLINE : ARCHITECTURAL

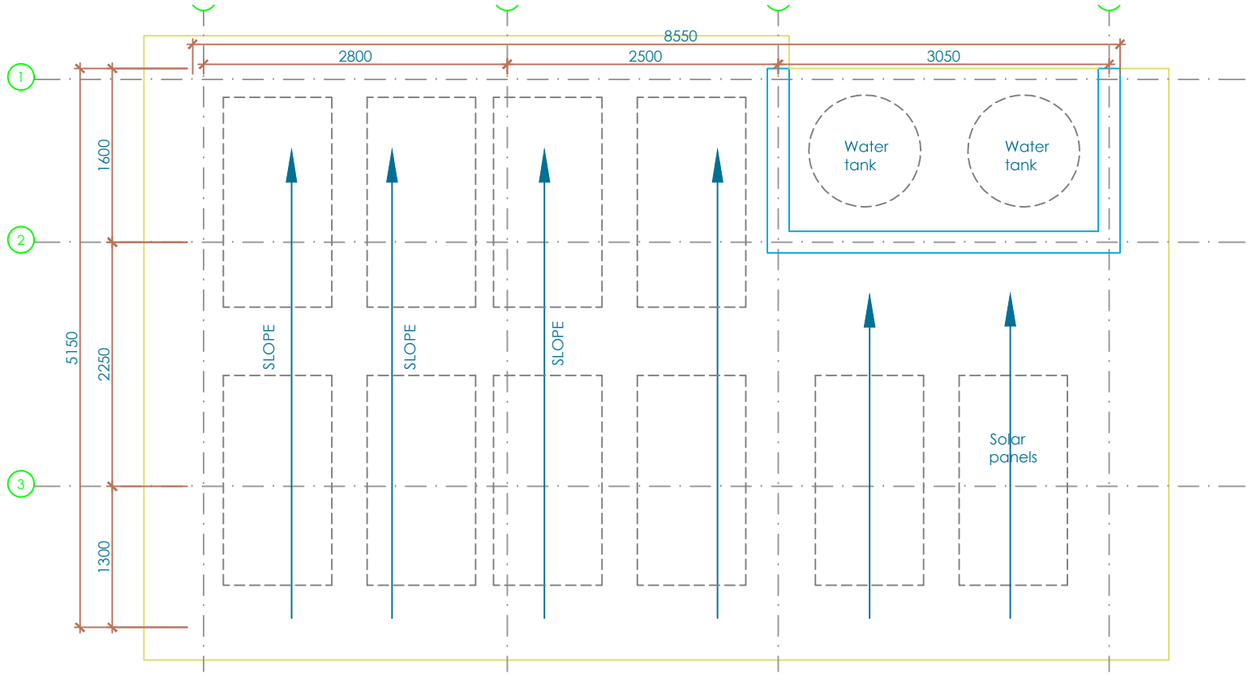
TITLE :

TYPE 01 MEDIUM

GOOD FOR CONSTRUCTION



1 ELECTRICAL LAYOUT
SCALE 1:50



2 ROOF PLAN
SCALE 1:50

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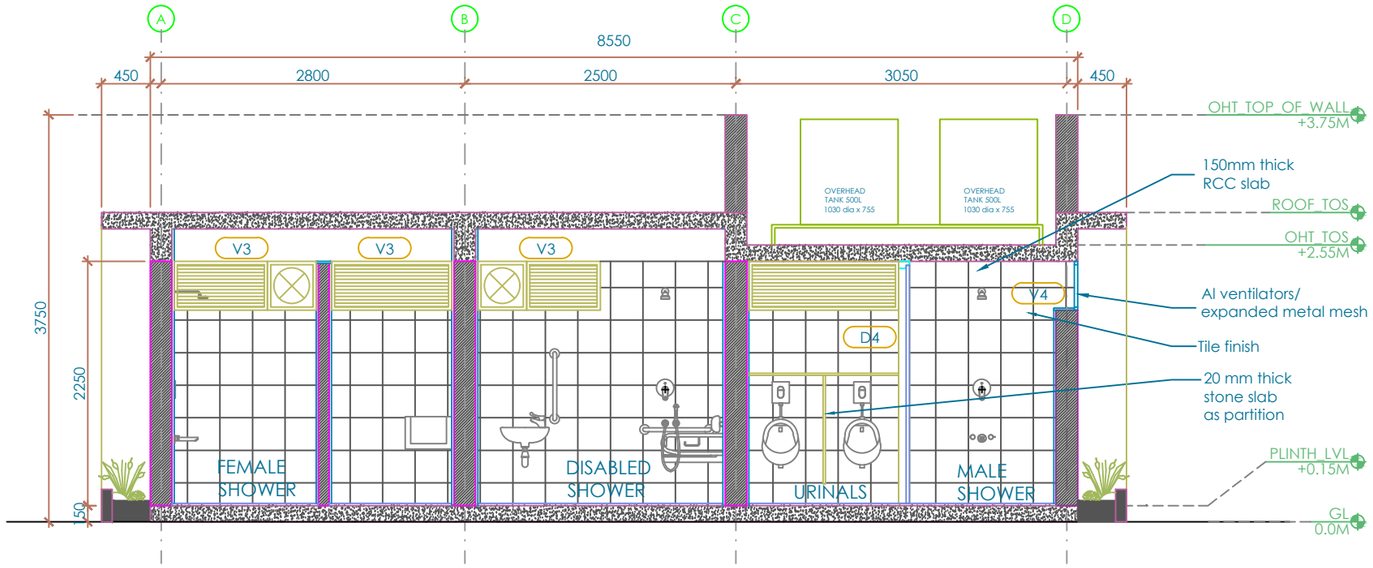
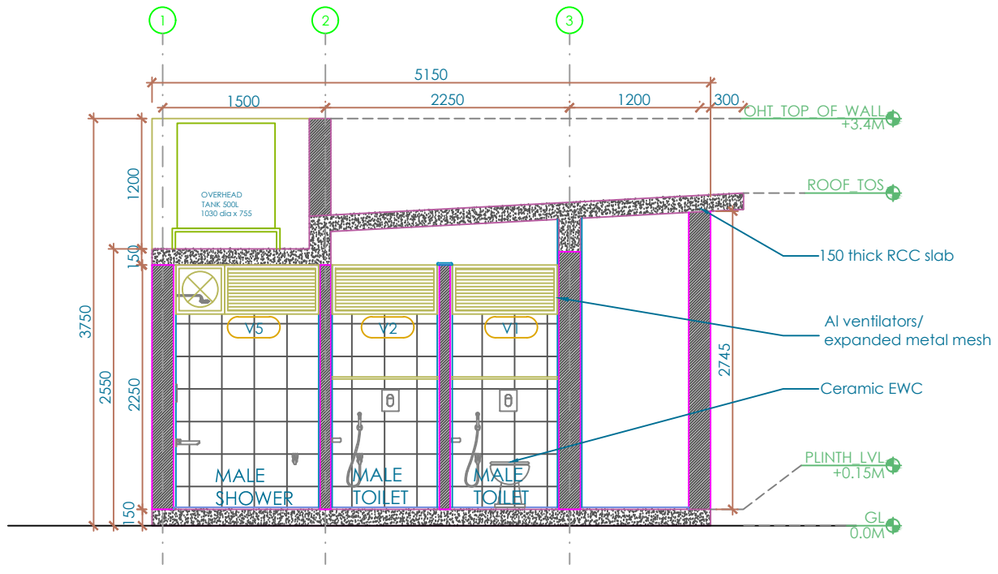


1 SECTION
SCALE 1:50



2 SECTION 2
SCALE 1:50

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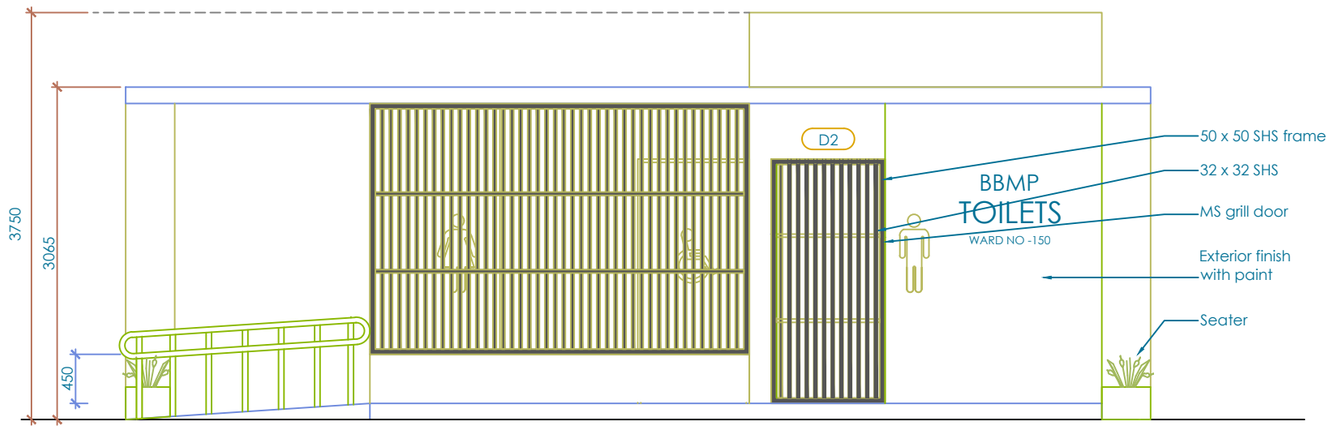
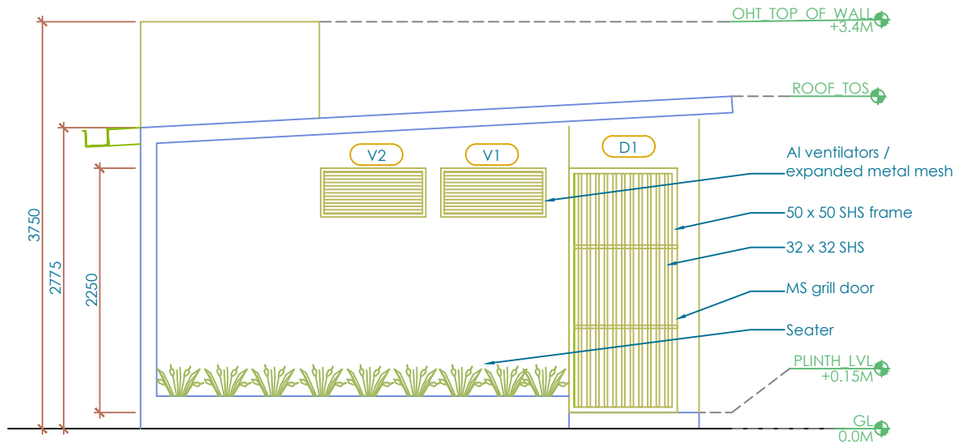


1 ELEVATION
SCALE 1:50



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CLIENT

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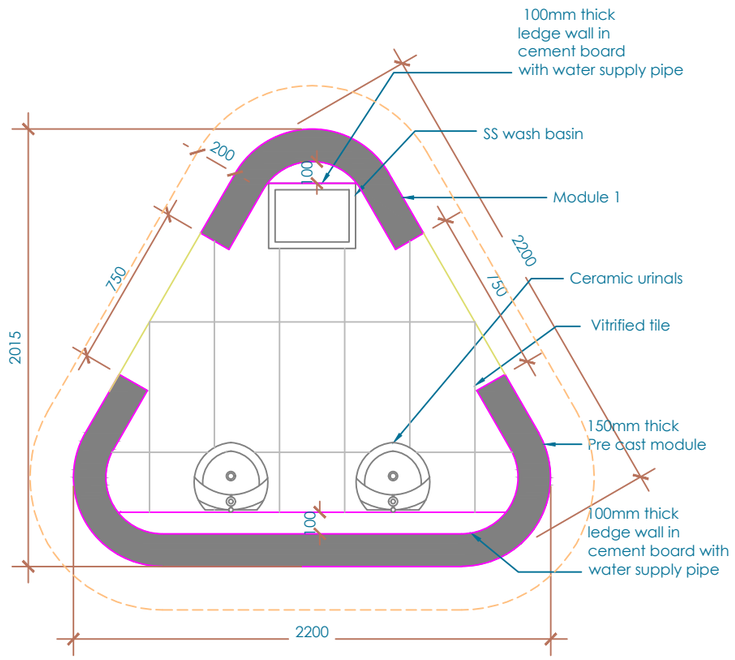
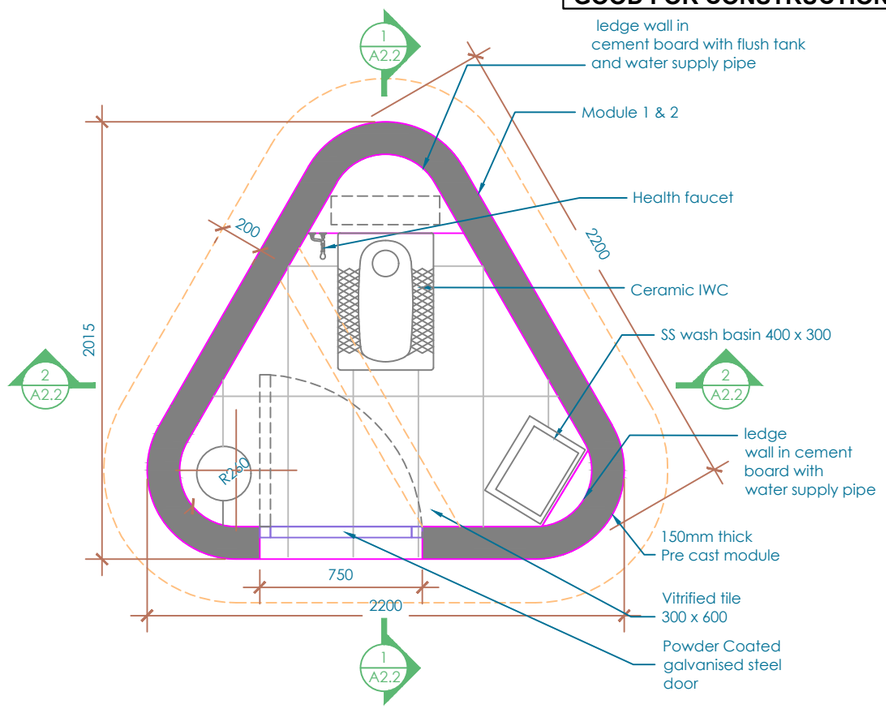
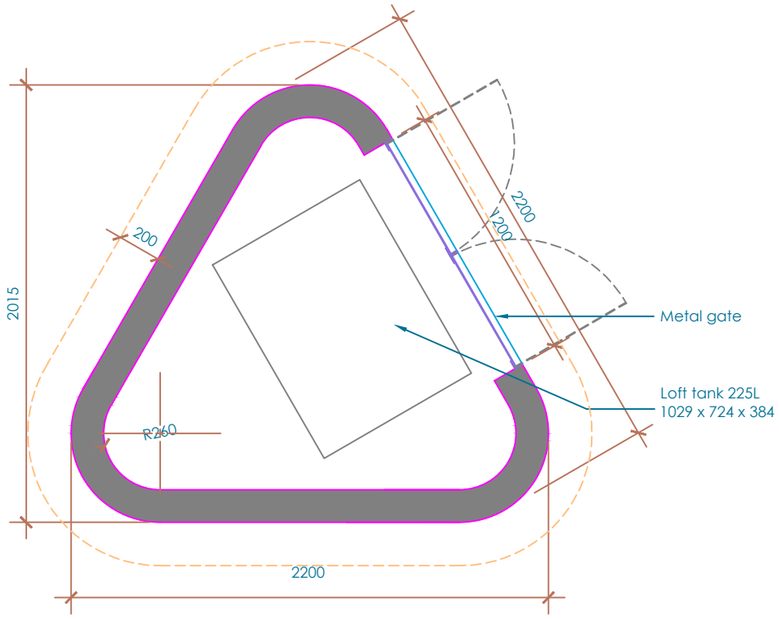
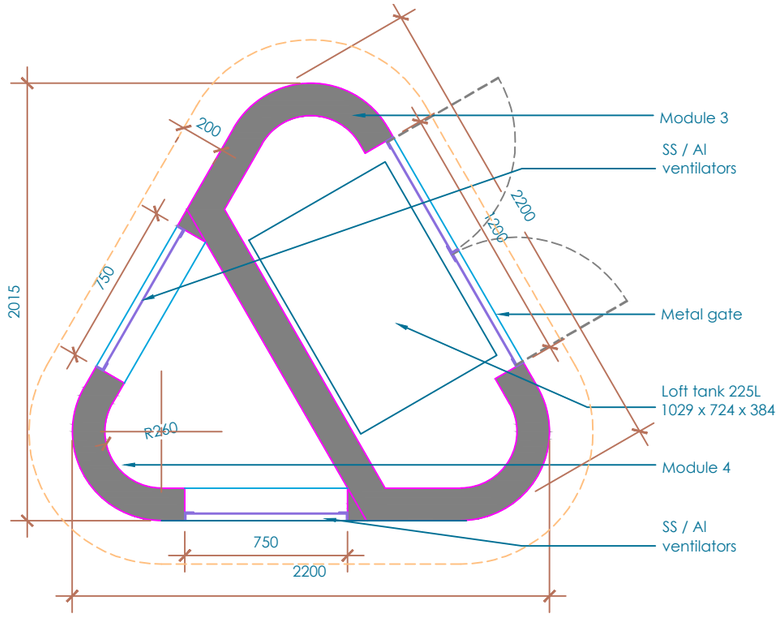


1 STRUCTURAL LAYOUT
SCALE 1:50





2 PLAN
SCALE 1:50



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CLIENT

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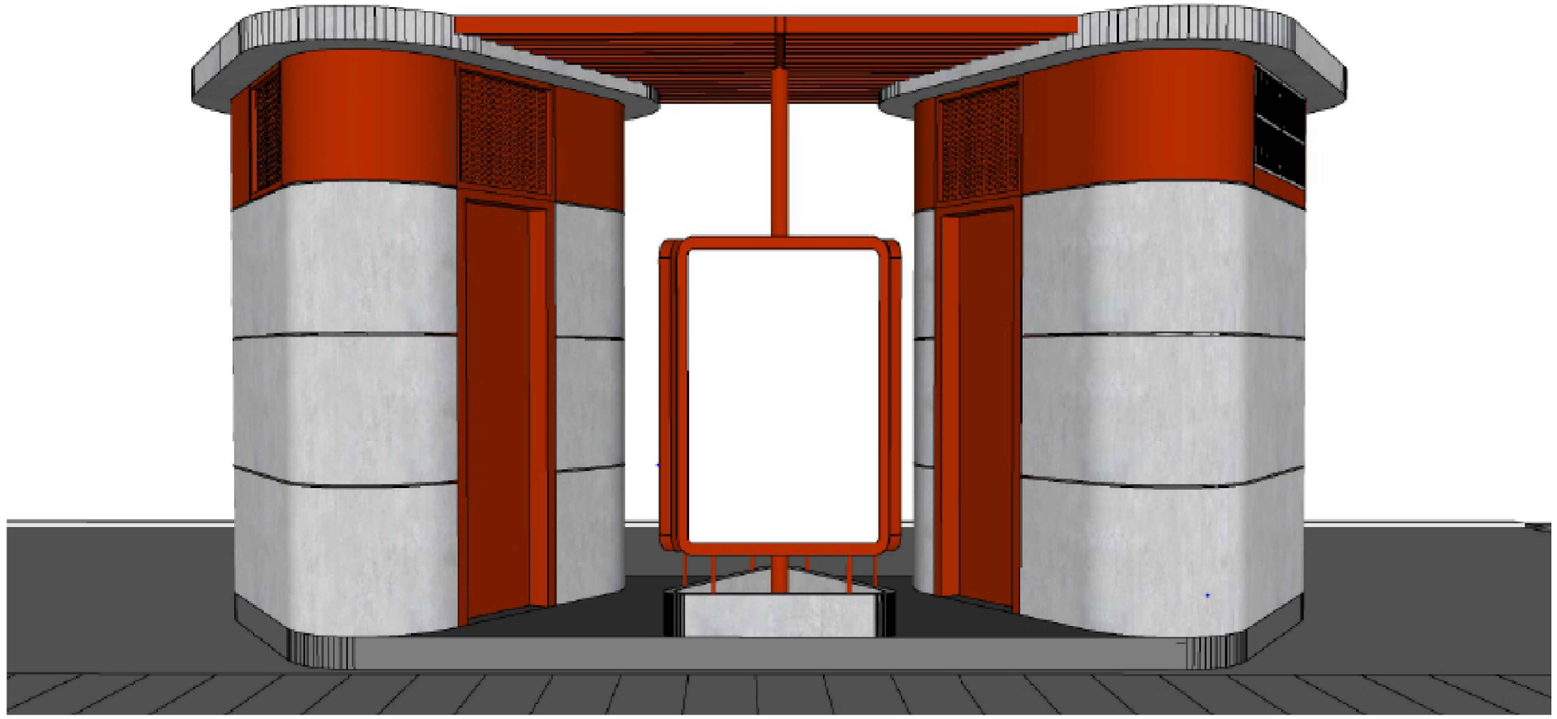
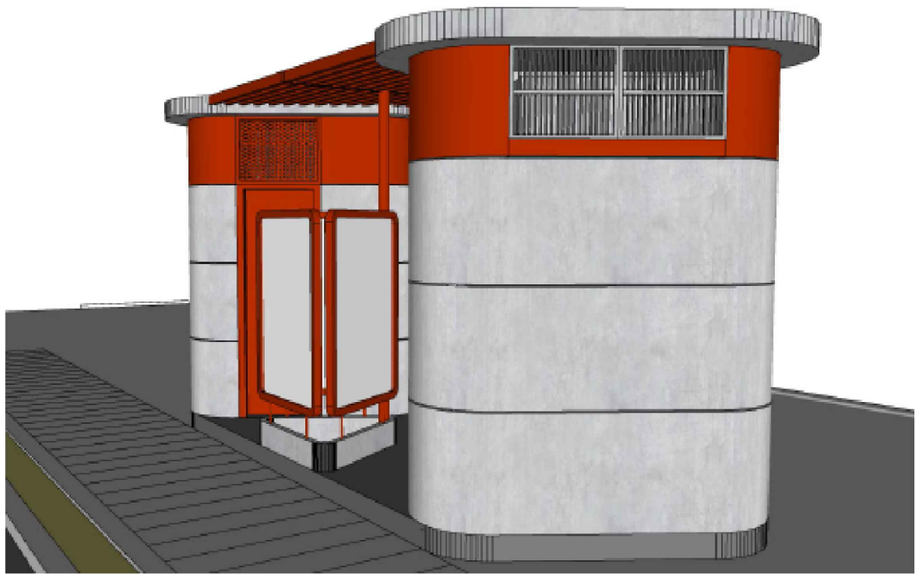
TITLE :

POD TOILETS

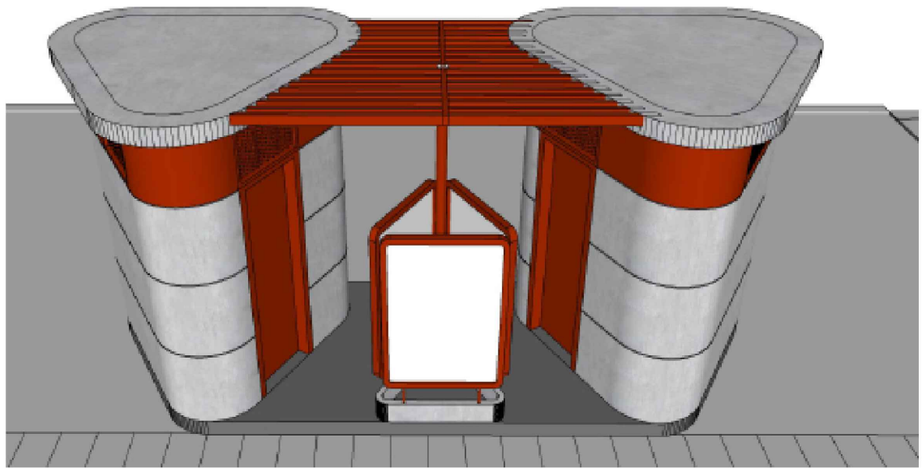
GOOD FOR CONSTRUCTION



1 VIEW 1



2 VIEW 2



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PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN RR NAGARA ZONE

CLIENT

BRUHAT BENGALURU MAHANAGARA PALIKE
SOLID WASTE MANAGEMENT

CONSULTANT

ALCON CONSULTING ENGINEERS (INDIA) PVT. LTD.
No. 35, 4th MAIN, 4th STAGE, NEXT TO TRINITY MOTORS,
INDUSTRIAL TOWN, BASAVESHWARANAGAR, BENGALURU-560 079
PHONE: 080-42472233, 23384676, FAX : 91(080)42472222
EMAIL : mail@alconsurvey.com

SHEET :

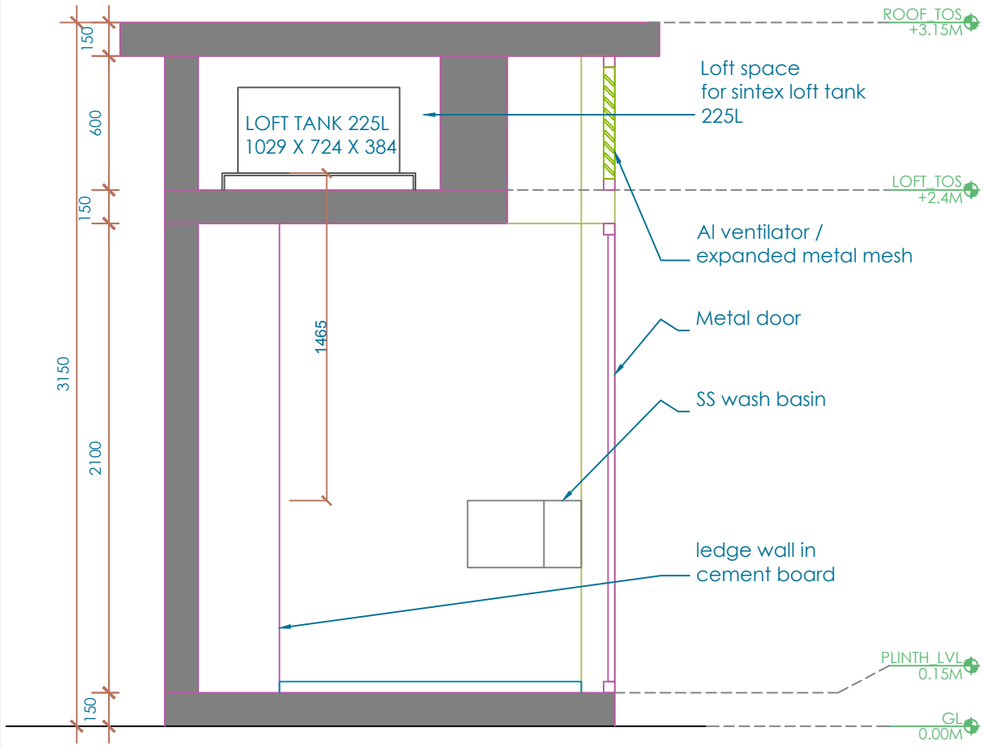
SCALE :

DISCIPLINE : ARCHITECTURAL

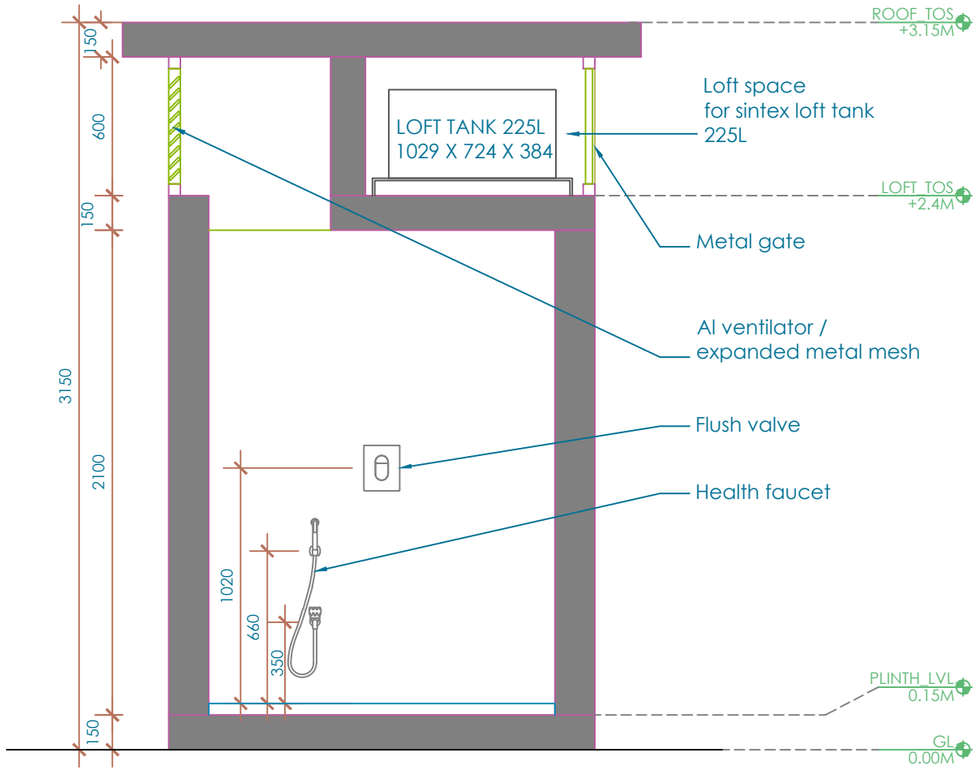
TITLE :

POD TOILETS

GOOD FOR CONSTRUCTION



1 SECTION
SCALE 1:25



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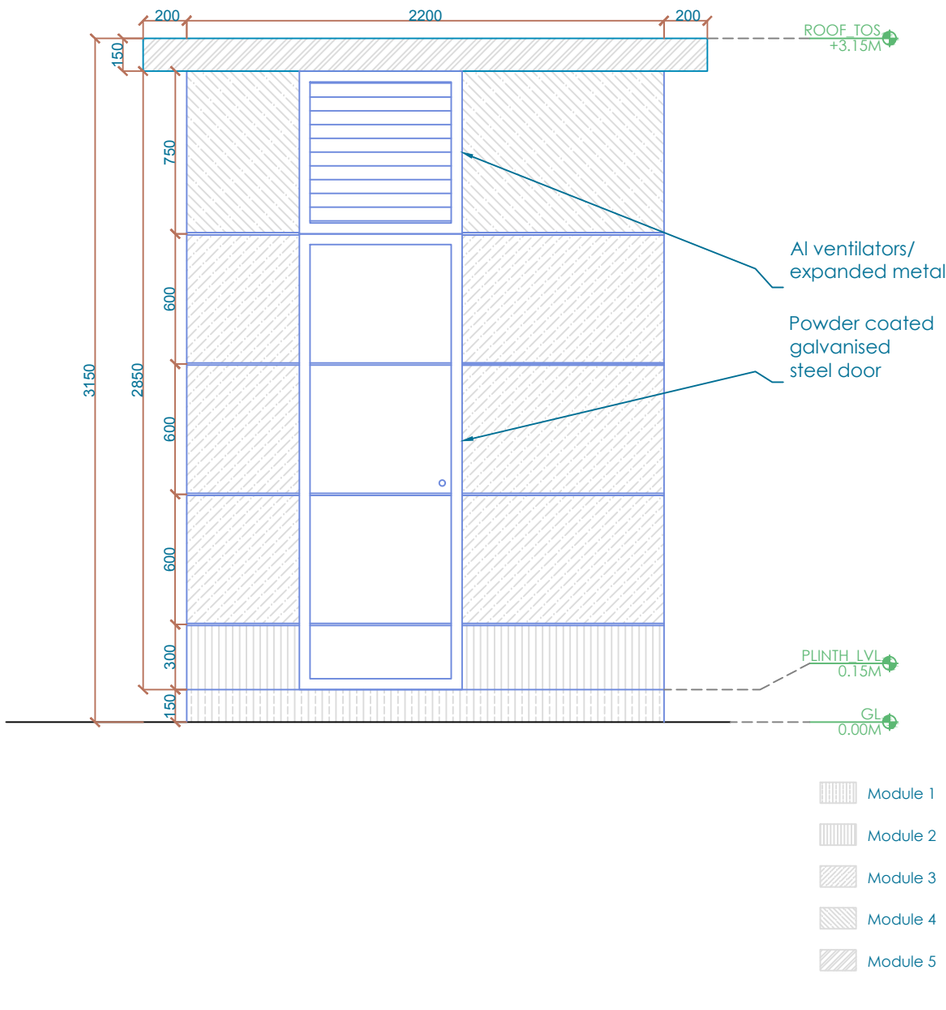

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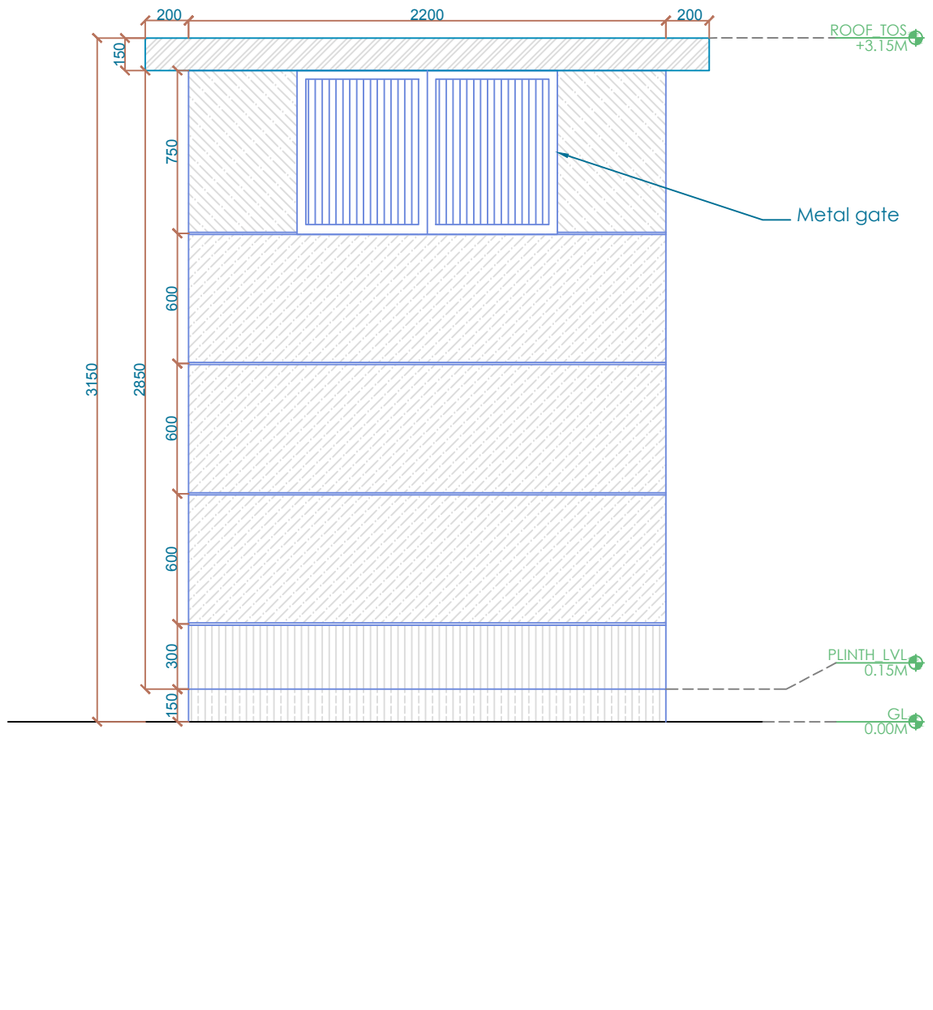
SCALE 1:25



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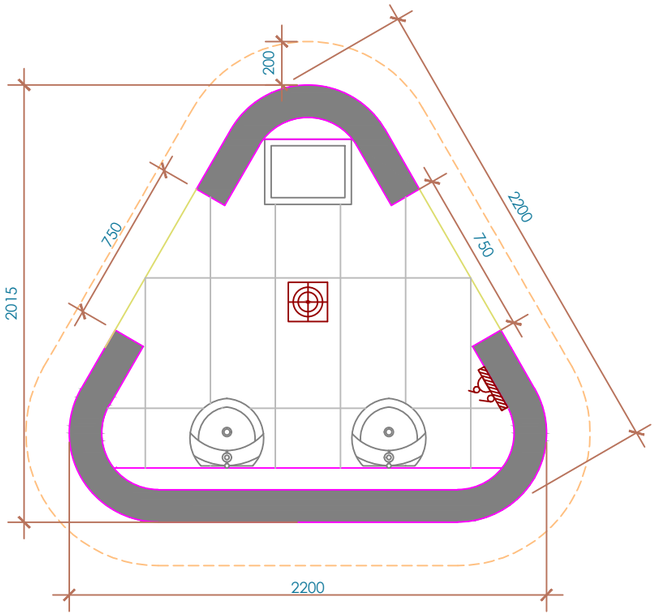
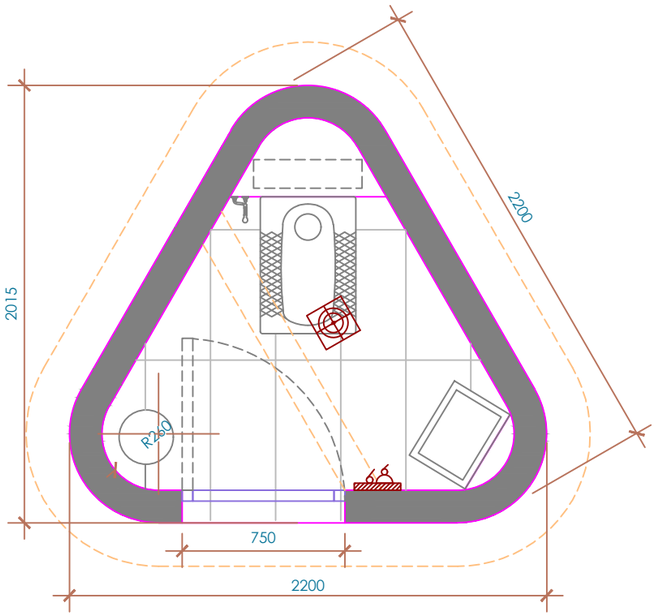


1 ELECTRICAL LAYOUT - URINALS
SCALE 1:25



2 ELECTRICAL LAYOUT - TOILET
SCALE 1:25

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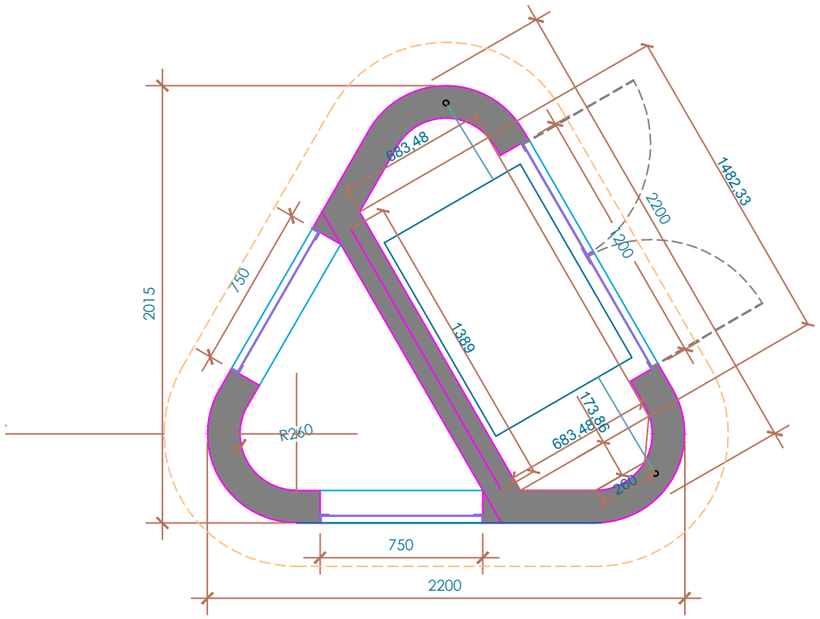
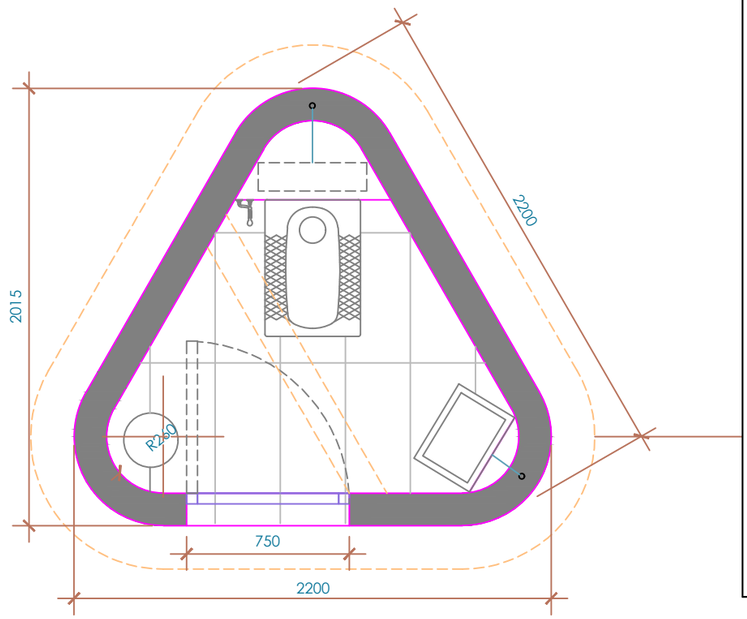


1 PLUMBING LAYOUT - TOILET LOFT LEVEL
SCALE 1:25



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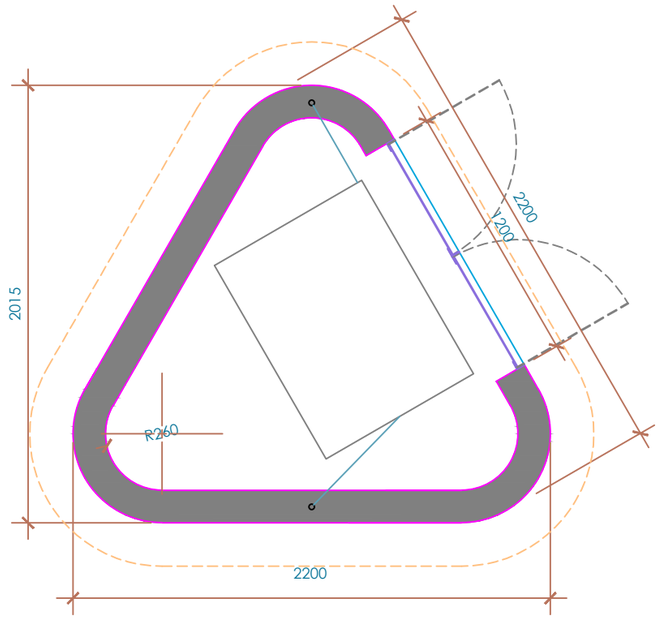

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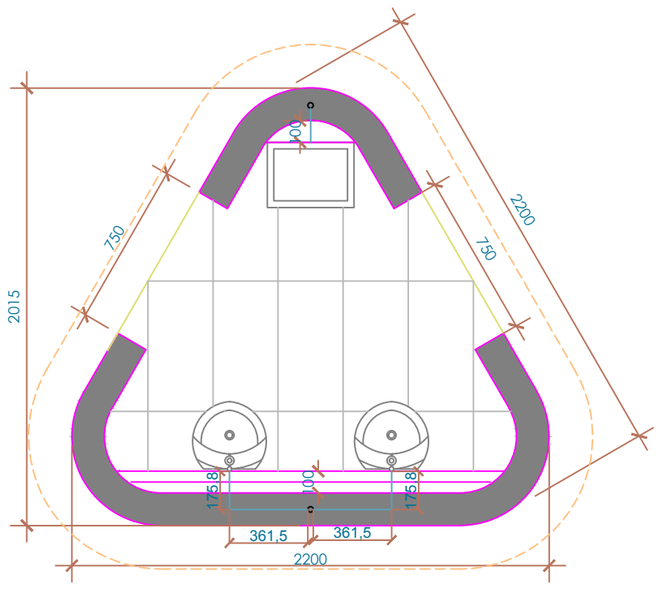
SCALE 1:25



4 PLUMBING LAYOUT - URINALS
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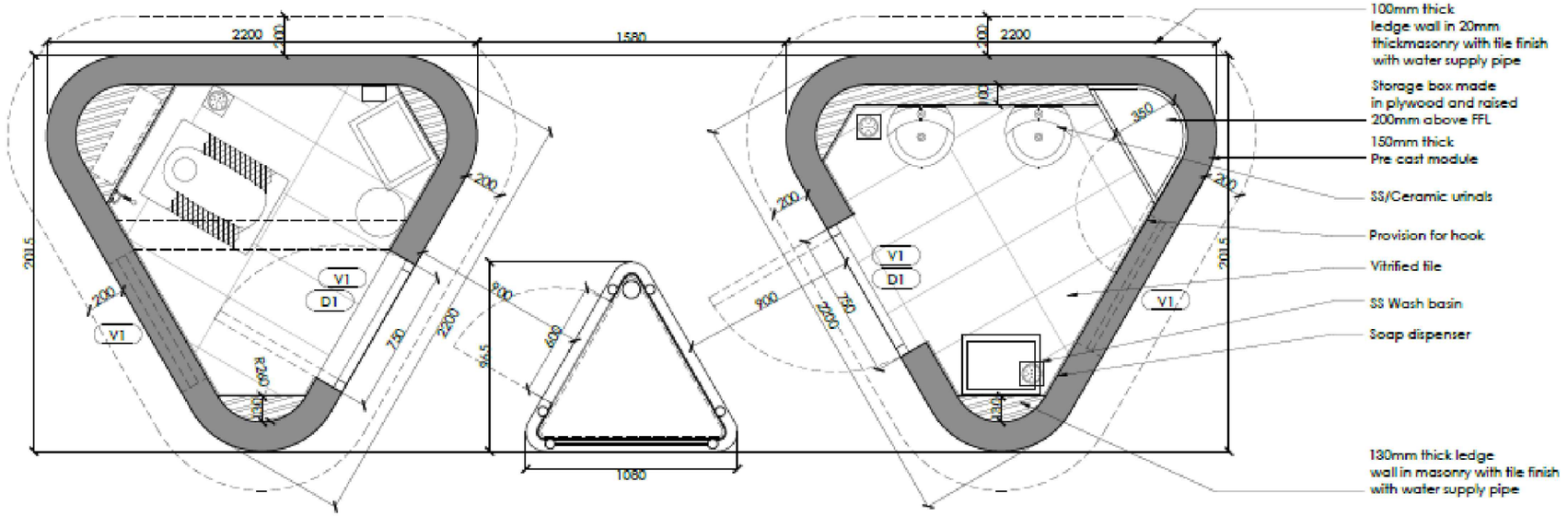
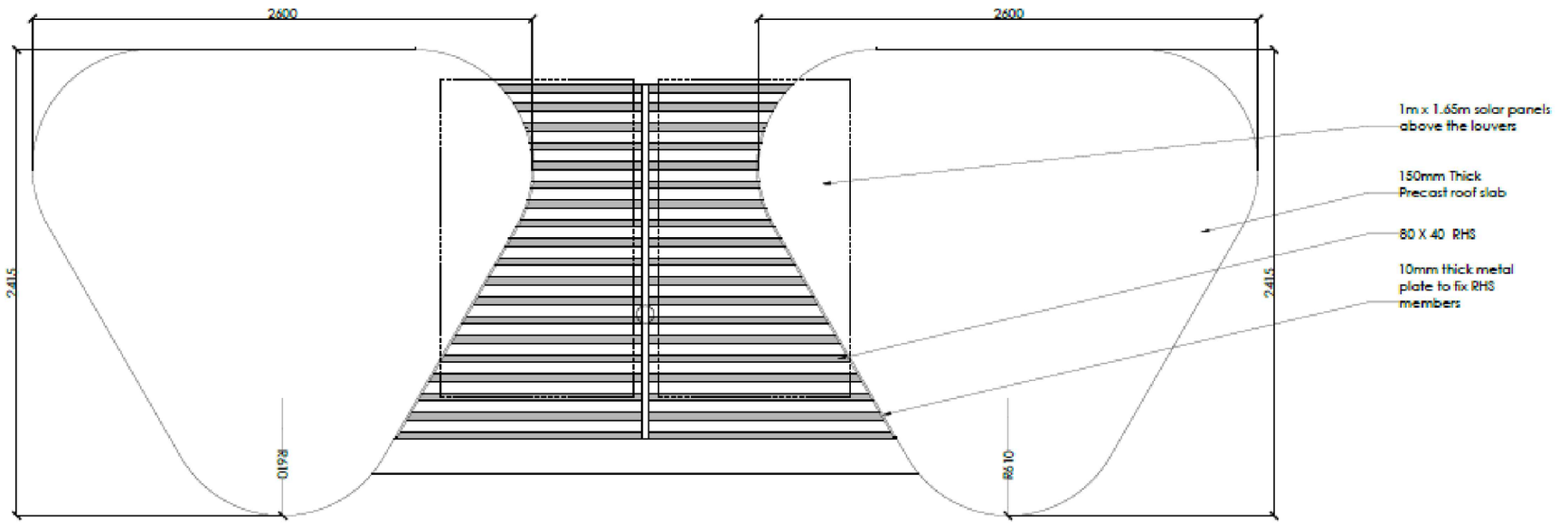


1 PLAN - Bi-POD
SCALE 1:25



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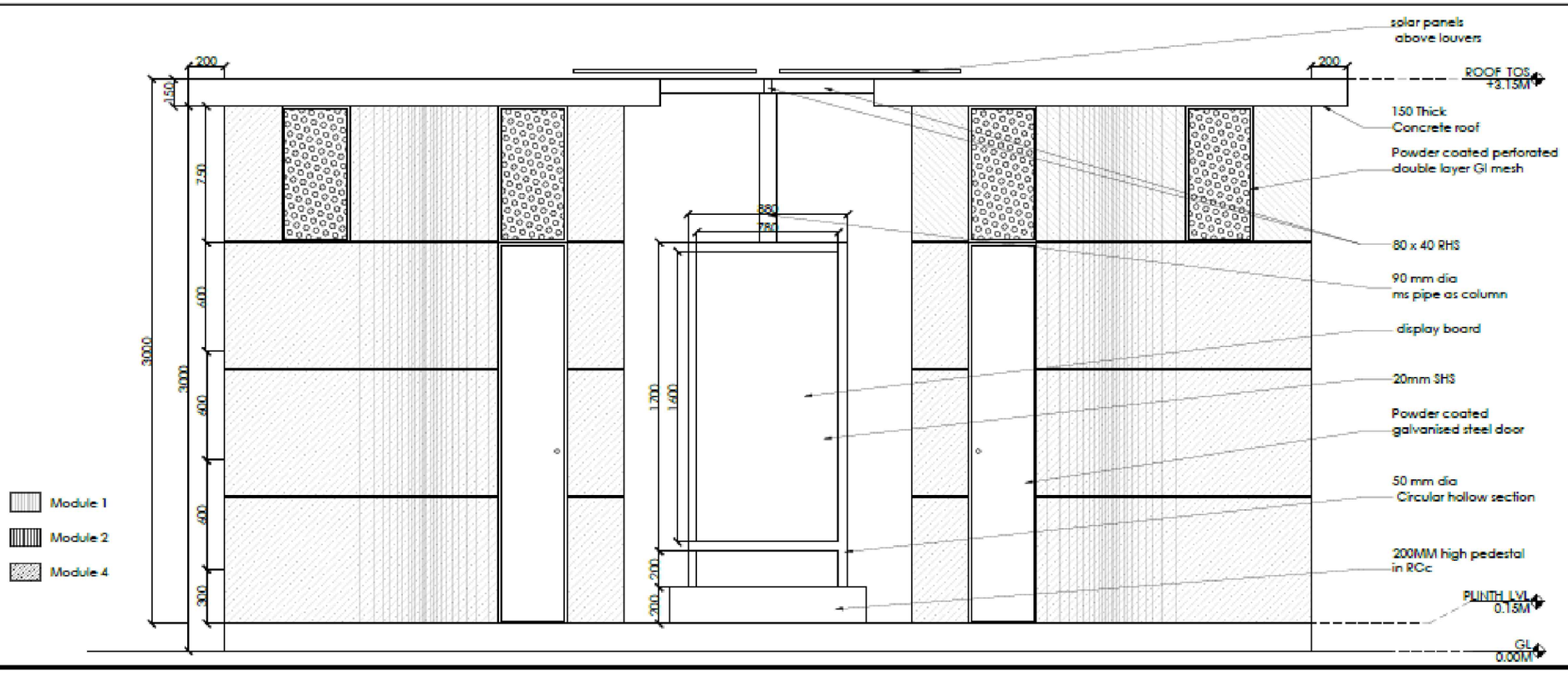
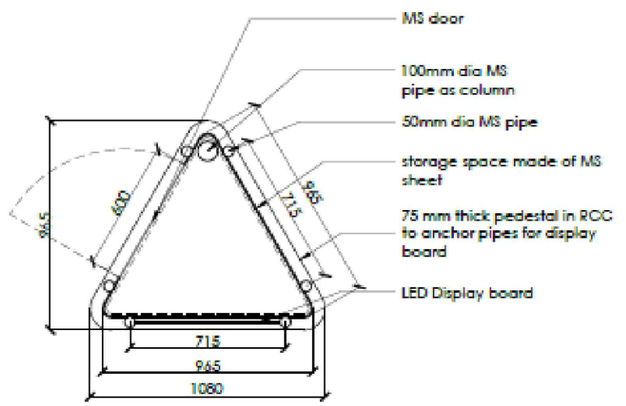


1 ELEVATION
SCALE 1:25

435-BBMP PUBLIC TOILETS - DOOR WINDOW SCHEDULE - POD

TAG	Opening (length x height)		SILL HT (from top of slab)	LINTEL HT (from top of slab)	NOTES
D1	750	2100	50	2100	Powder coated galvanised steel door
D2	1200	750	2100	2850	MS grill door 50 x 50 SHS as frame 32 x 32 SHS as grill
V1	750	750	2100	2850	Powder coated perforated double layer GI mesh

2 DOOR WINDOW SCHEDULE



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Consultant seal and signature

ISSUE NO	REV.NO	DETAILS OF REVISION	DATE	REV. BY	APP.BY

PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN RR NAGARA ZONE

CLIENT

BRUHAT BENGALURU MAHANAGARA PALIKE
SOLID WASTE MANAGEMENT

CONSULTANT

ALCON CONSULTING ENGINEERS (INDIA) PVT. LTD.
No. 35, 4th MAIN, 4th STAGE, NEXT TO TRINITY MOTORS,
INDUSTRIAL TOWN, BASAVESHWARANAGAR, BENGALURU-560 079
PHONE: 080-42472233, 23384676, FAX : 91(080)42472222
EMAIL : mail@alconsurvey.com

SHEET :

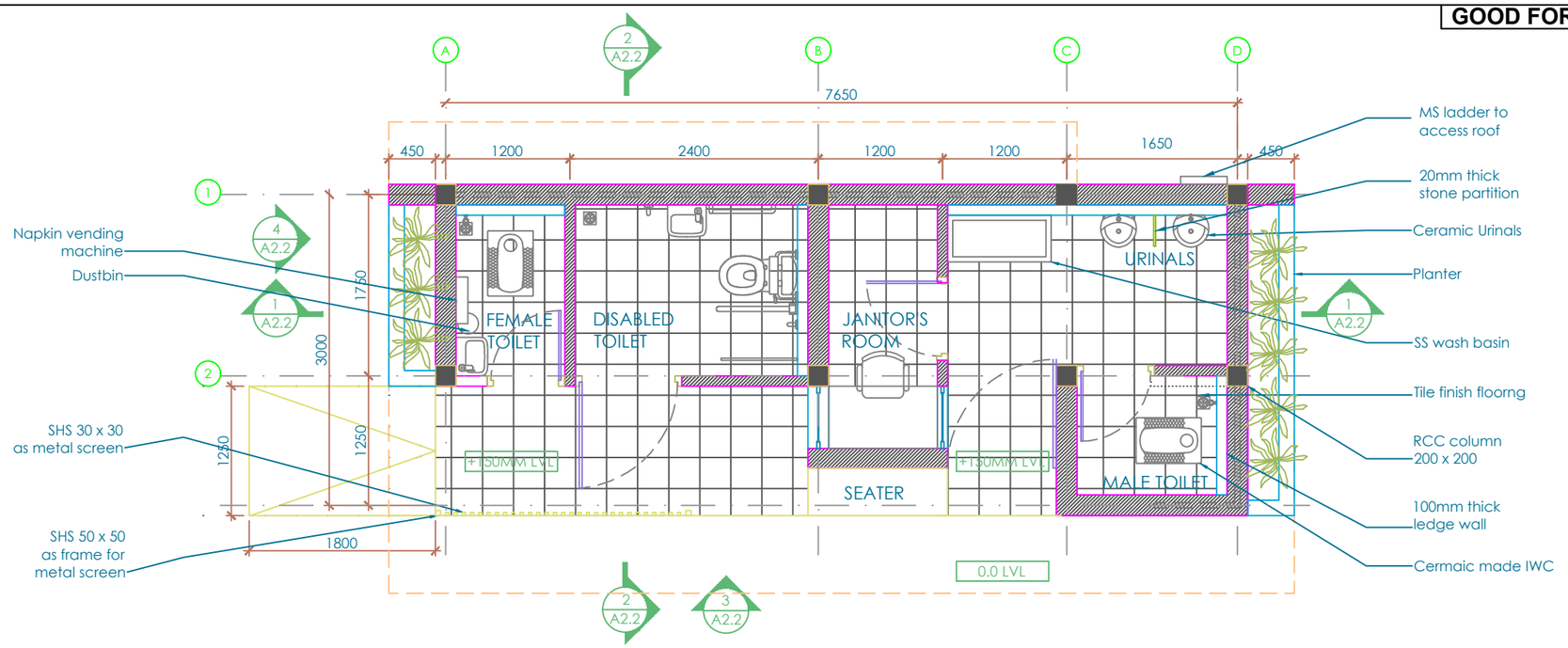
SCALE :

DISCIPLINE : ARCHITECTURAL

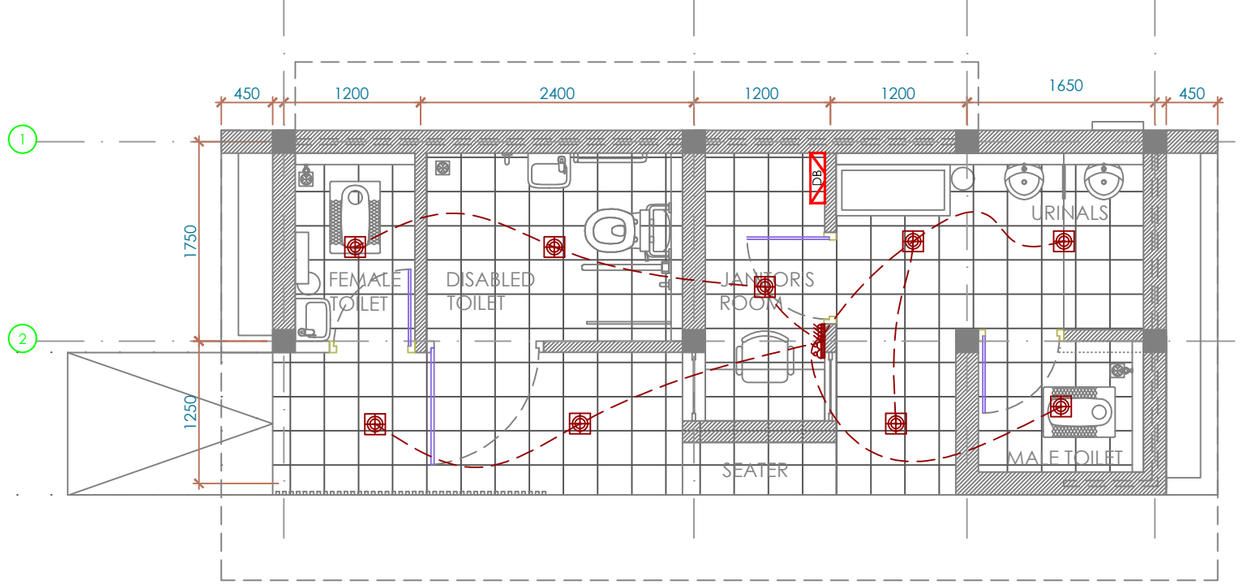
TITLE :

POD TOILETS

GOOD FOR CONSTRUCTION



1 SMALL - PLAN
SCALE 1:50



	LEGEND
SYMBOL	DESCRIPTION
	ceiling light point
6	5 AMP one way switch
	5 AMP outlet with switch on UPS

2 ELECTRICAL PLAN
SCALE 1:50

NOTES AND SPECIFICATION :

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Consultant seal and signature

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PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN WEST AND DASARAHALLI ZONE

CLIENT

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SOLID WASTE MANAGEMENT

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PHONE: 080-42472233, 23384676, FAX : 91(080)42472222
EMAIL : mail@alconsurvey.com

SHEET :

SCALE :

DISCIPLINE : ARCHITECTURAL

TITLE :

TYPE 02 SMALL

GOOD FOR CONSTRUCTION

NOTES AND SPECIFICATION :

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Consultant seal and signature

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PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN WEST AND DASARAHALLI ZONE

CLIENT

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EMAIL : mail@alconsurvey.com

SHEET :

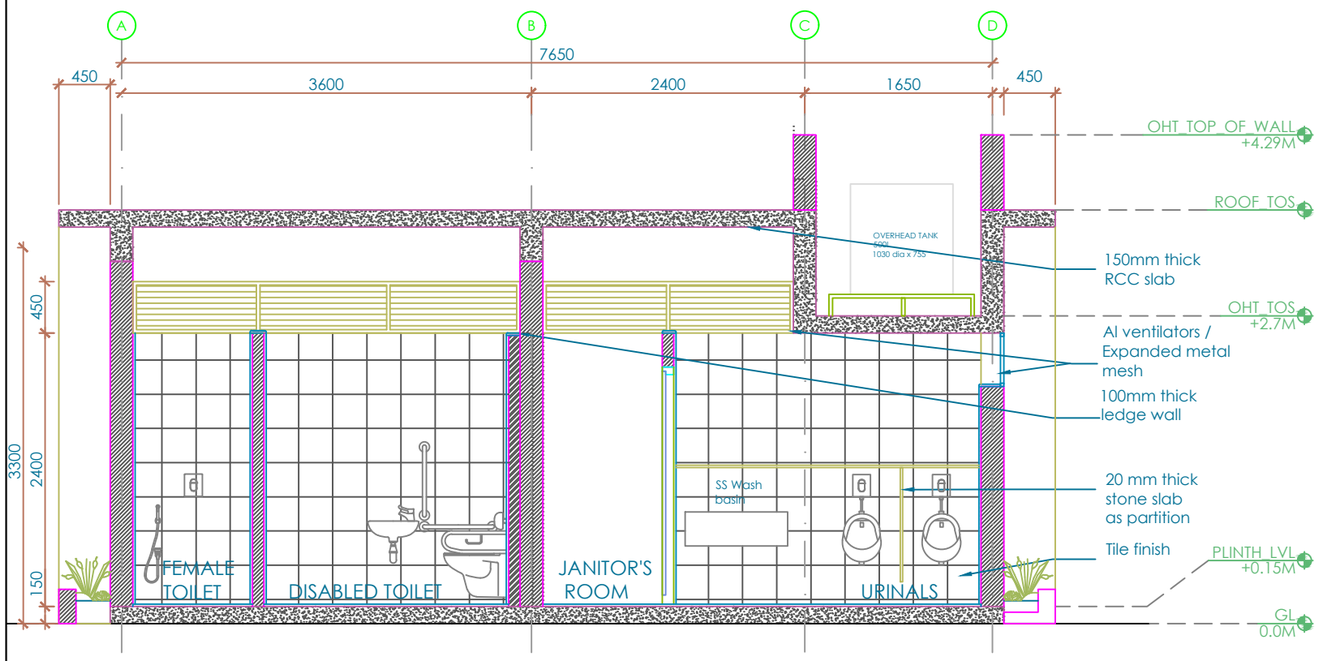
SCALE :

DISCIPLINE : ARCHITECTURAL

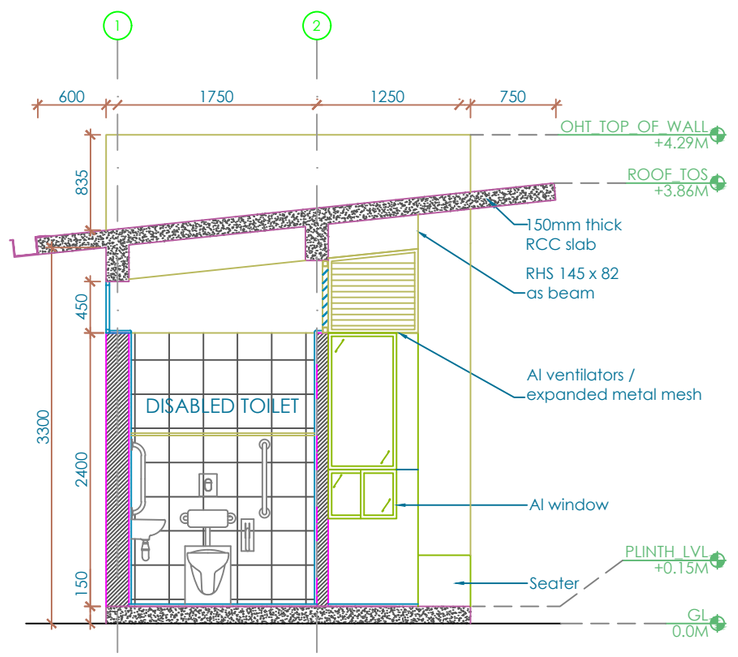
TITLE :

TYPE 02 SMALL

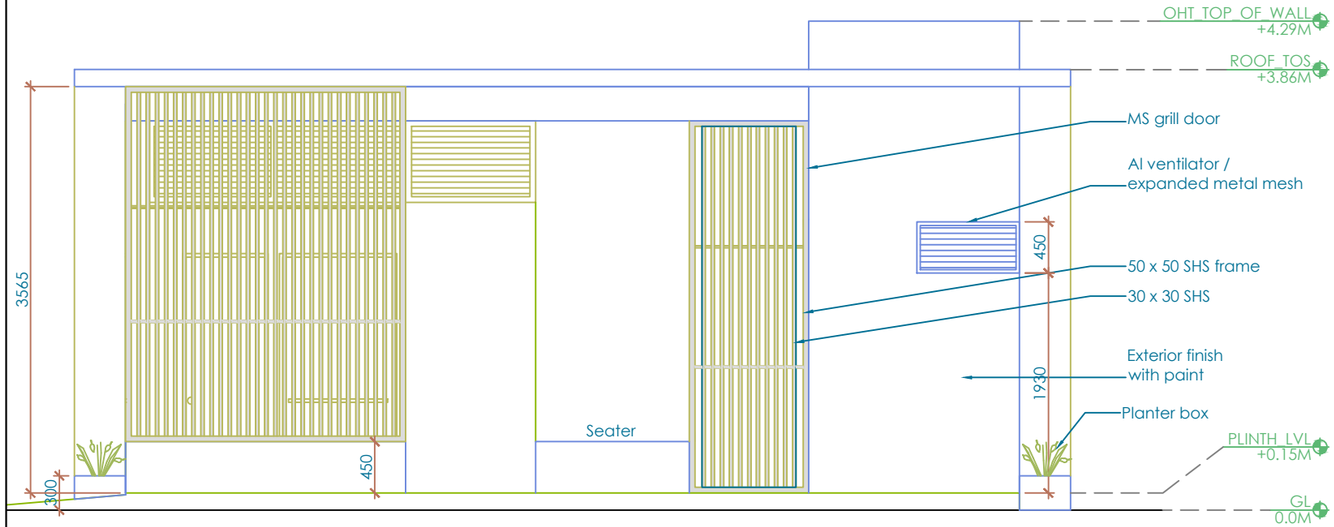
GOOD FOR CONSTRUCTION



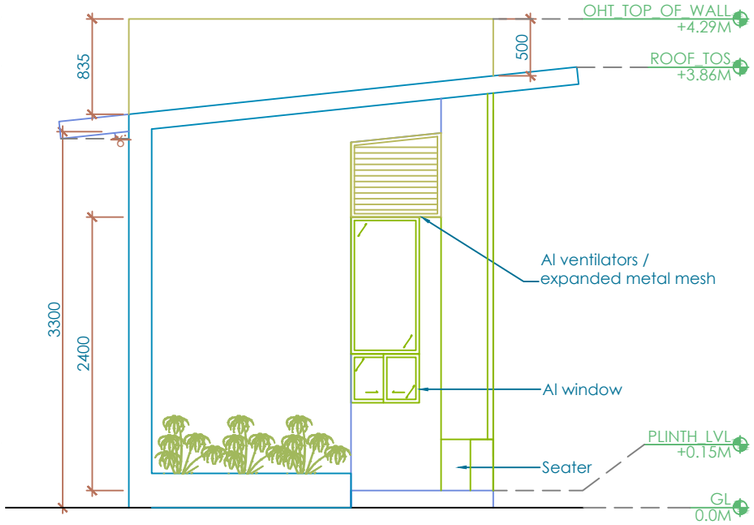
1 SECTION 1
SCALE 1:50



2 SECTION 2
SCALE 1:50



3 ELEVATION 1
SCALE 1:50



4 ELEVATION 2
SCALE 1:50

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Consultant seal and signature

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PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN WEST AND DASARAHALLI ZONE

CLIENT

BRUHAT BENGALURU MAHANAGARA PALIKE
SOLID WASTE MANAGEMENT

CONSULTANT

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EMAIL : mail@alconsurvey.com

SHEET :

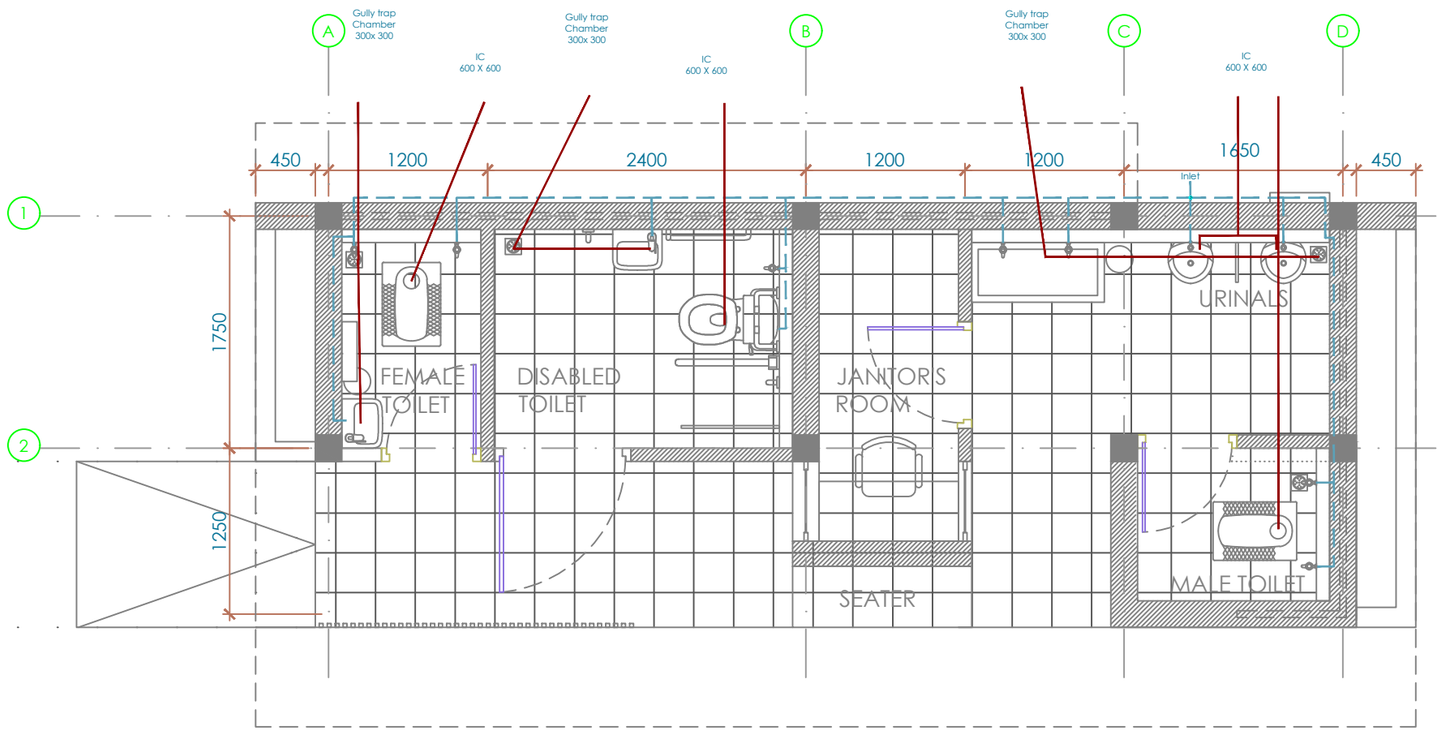
SCALE :

DISCIPLINE : ARCHITECTURAL

TITLE :

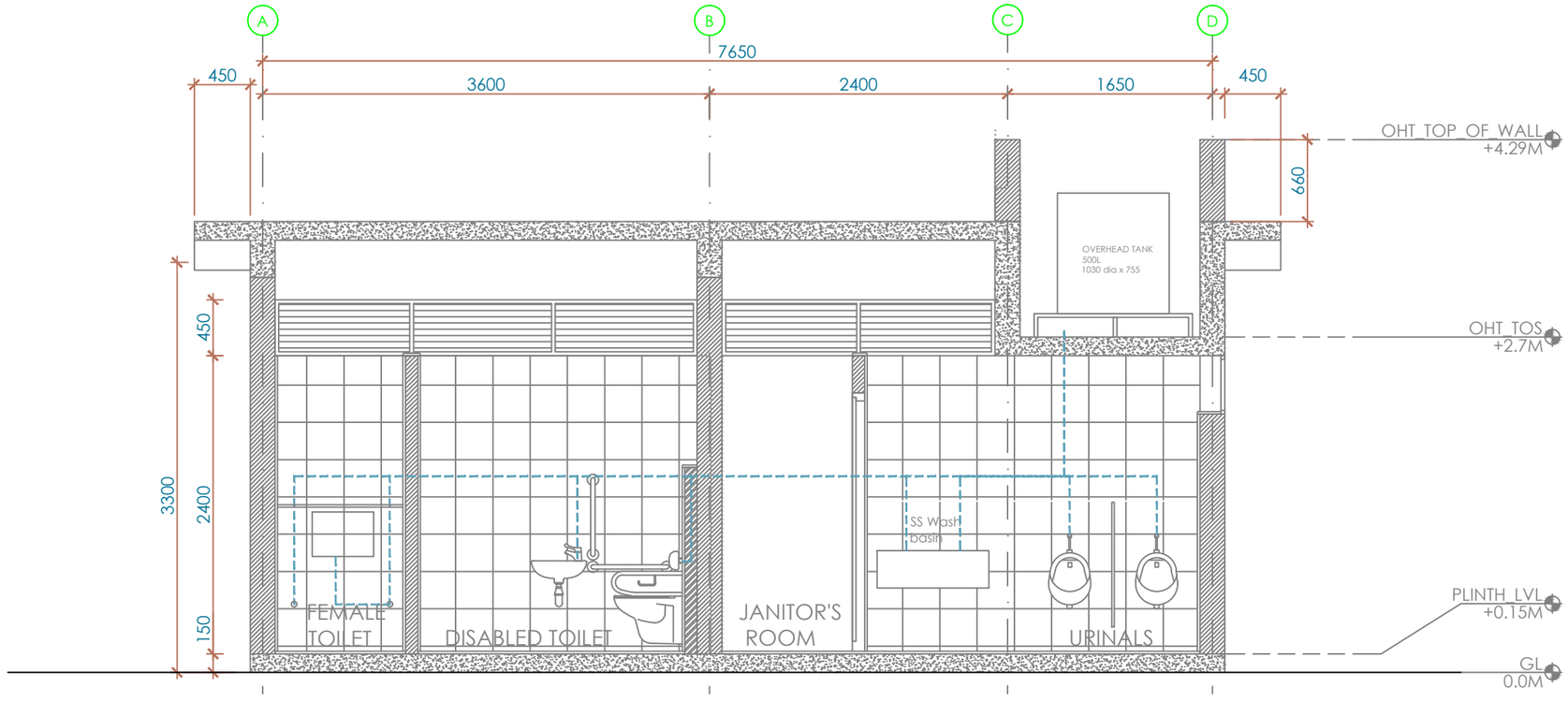
TYPE 02 SMALL

GOOD FOR CONSTRUCTION



1 SMALL TOILET PLAN - PLUMBING LAYOUT

SCALE 1:50



2 ELEVATION WITH PLUMBING LINES

SCALE 1:50

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CLIENT

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EMAIL : mail@alconsurvey.com

SHEET :

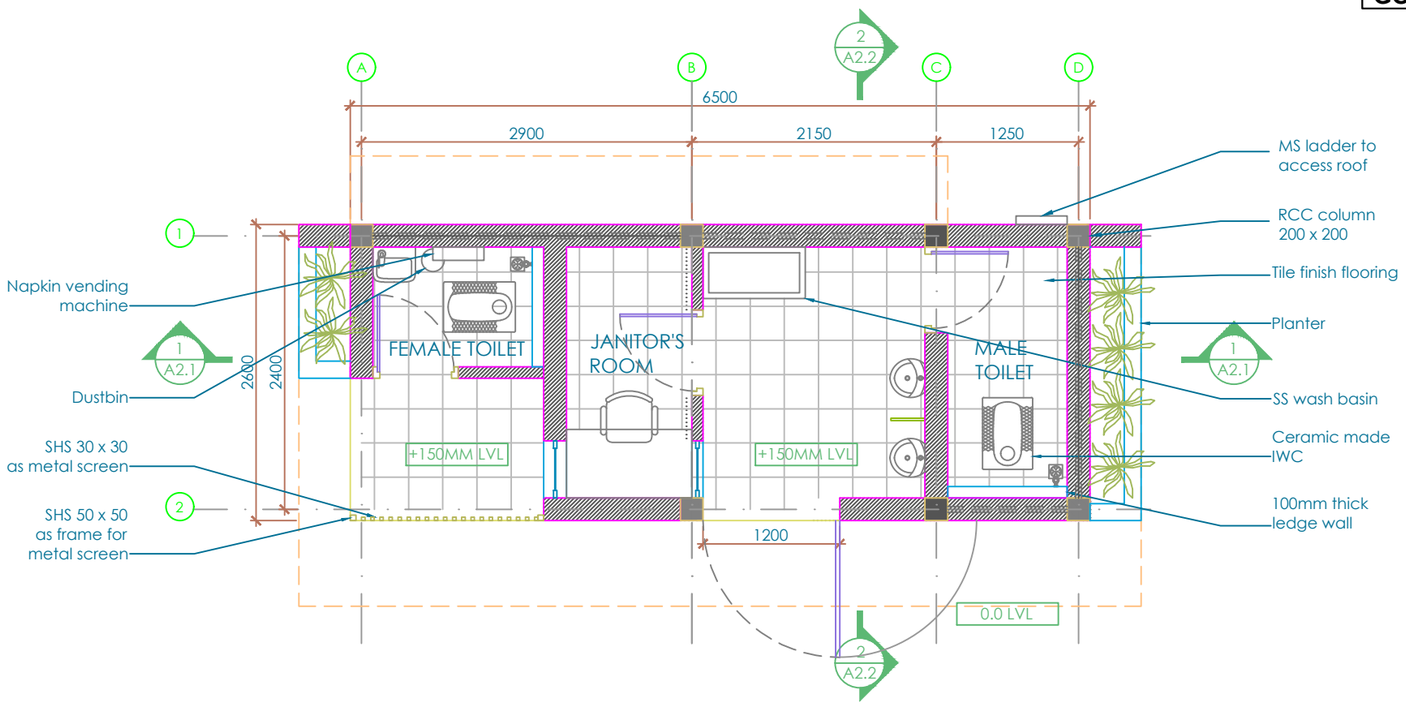
SCALE :

DISCIPLINE : ARCHITECTURAL

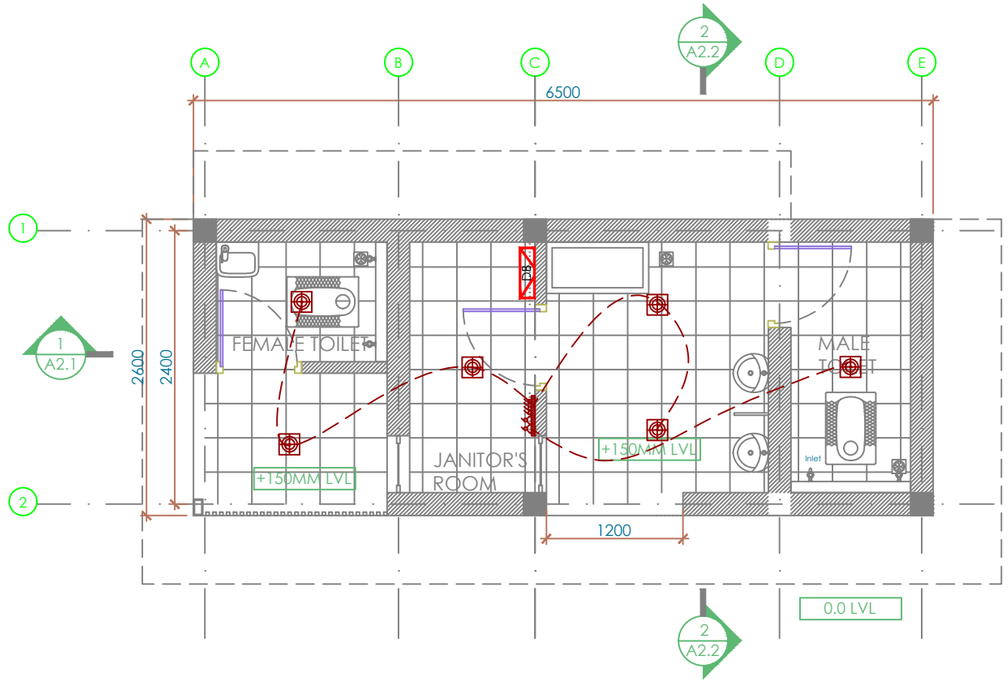
TITLE :

TYPE 02 SMALL

GOOD FOR CONSTRUCTION



1 PLAN
SCALE 1:50



2 ELECTRICAL PLAN
SCALE 1:50

	LEGEND
SYMBOL	DESCRIPTION
	ceiling light point
6	5 AMP one way switch
	5 AMP outlet with switch on UPS

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CLIENT

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EMAIL : mail@alconsurvey.com

SHEET :

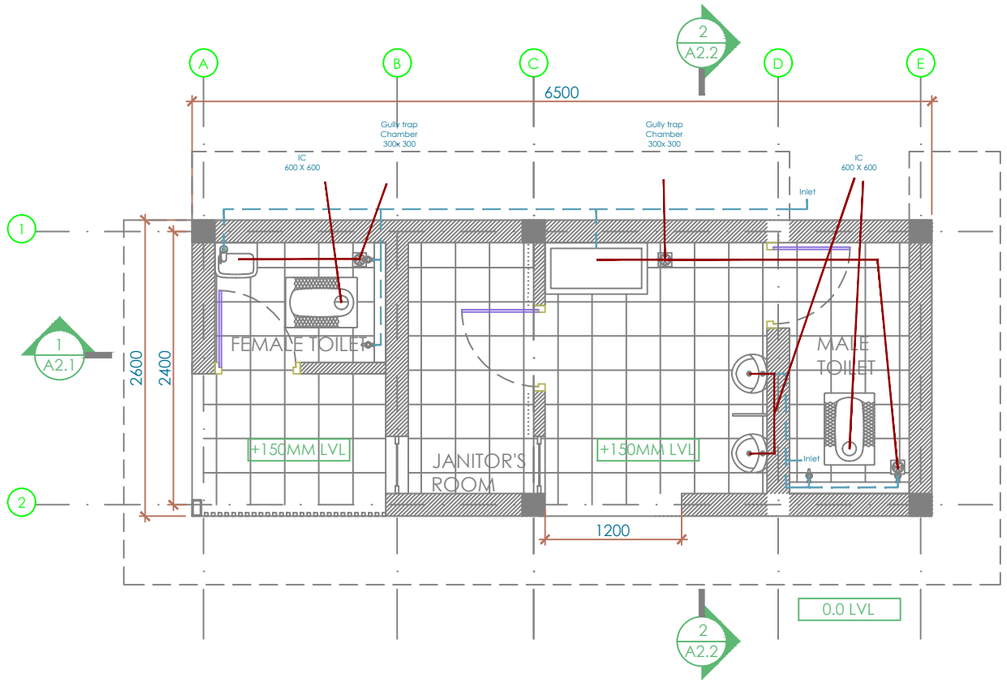
SCALE :

DISCIPLINE : ARCHITECTURAL

TITLE :

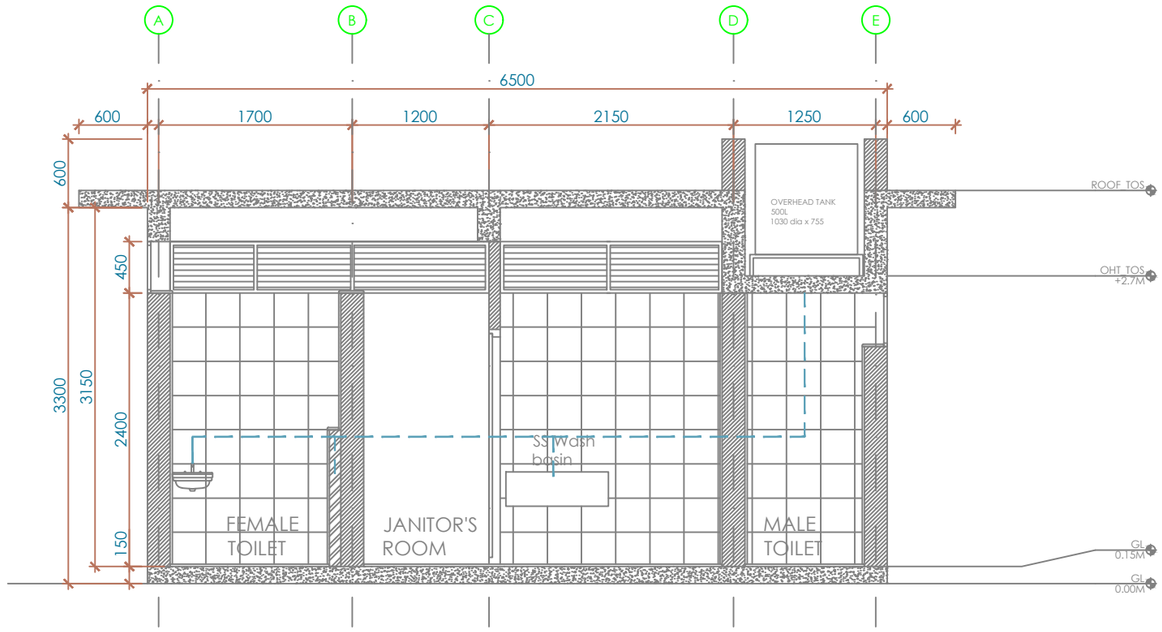
TYPE 02 MICRO

GOOD FOR CONSTRUCTION



1 MICRO TOILET PLAN - PLUMBING LAYOUT
SCALE 1:50

00mm LVL



2 ELEVATION WITH PLUMBING LINES
SCALE 1:50

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17) The cross sections of wall footings are final, if change is required it should be got approved from competent authority before execution.
18) Treatment of foundation if required shall be got approved before executing the work.
19) Loads considered for design are as per IS 875 and IS 1893 (part 1):2016.
20) Limit state method of designs adopted and the general guide lines prescribed in IS 456 - 2000 are followed.

Consultant seal and signature

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PURPOSE : GOOD FOR CONCTRUCTION

PROJECT

PROVIDING CONSULTANCY SERVICES FOR PREPARATION OF DPR FOR CONSTRUCTION OF NEW PUBLIC TOILETS AND UPGRADATION OF EXISTING PUBLIC TOILETS IN WEST AND DASARAHALLI ZONE

CLIENT

BRUHAT BENGALURU MAHANAGARA PALIKE
SOLID WASTE MANAGEMENT

CONSULTANT

ALCON CONSULTING ENGINEERS (INDIA) PVT. LTD.
No. 35, 4th MAIN, 4th STAGE, NEXT TO TRINITY MOTORS,
INDUSTRIAL TOWN, BASAVESHWARANAGAR, BENGALURU-560 079
PHONE: 080-42472233, 23384676, FAX : 91(080)42472222
EMAIL : mail@alconsurvey.com

SHEET :

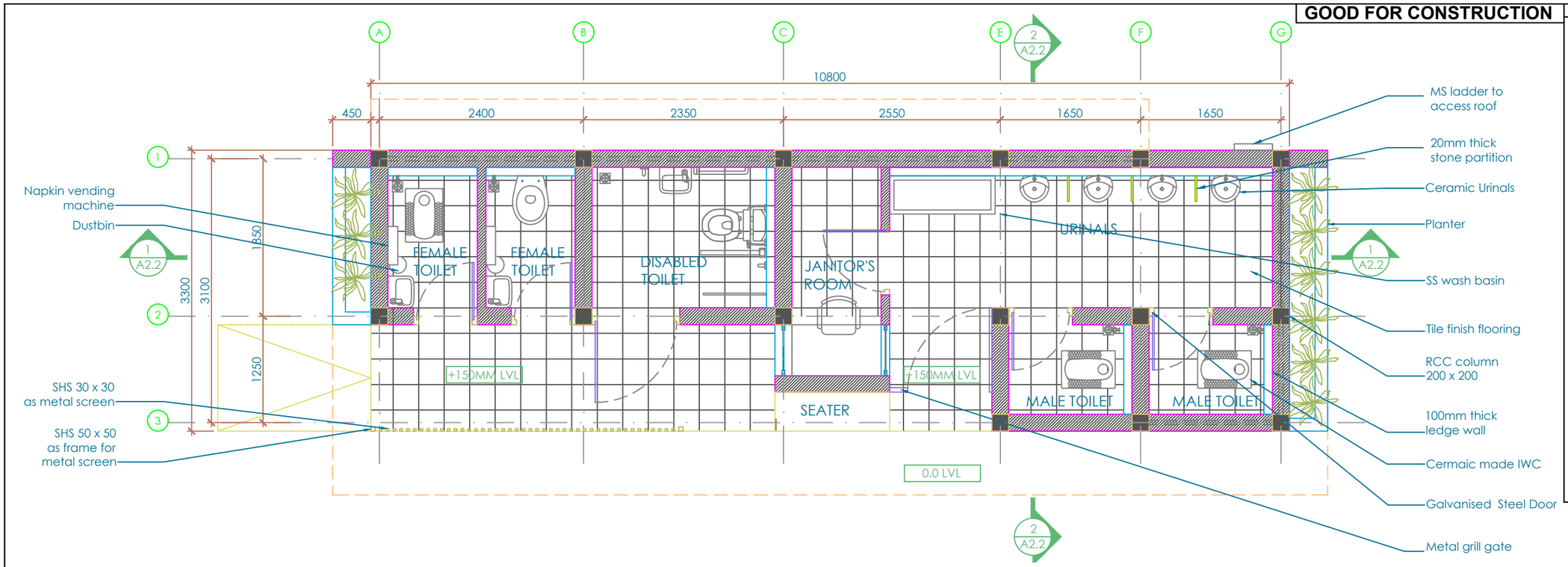
SCALE :

DISCIPLINE : ARCHITECTURAL

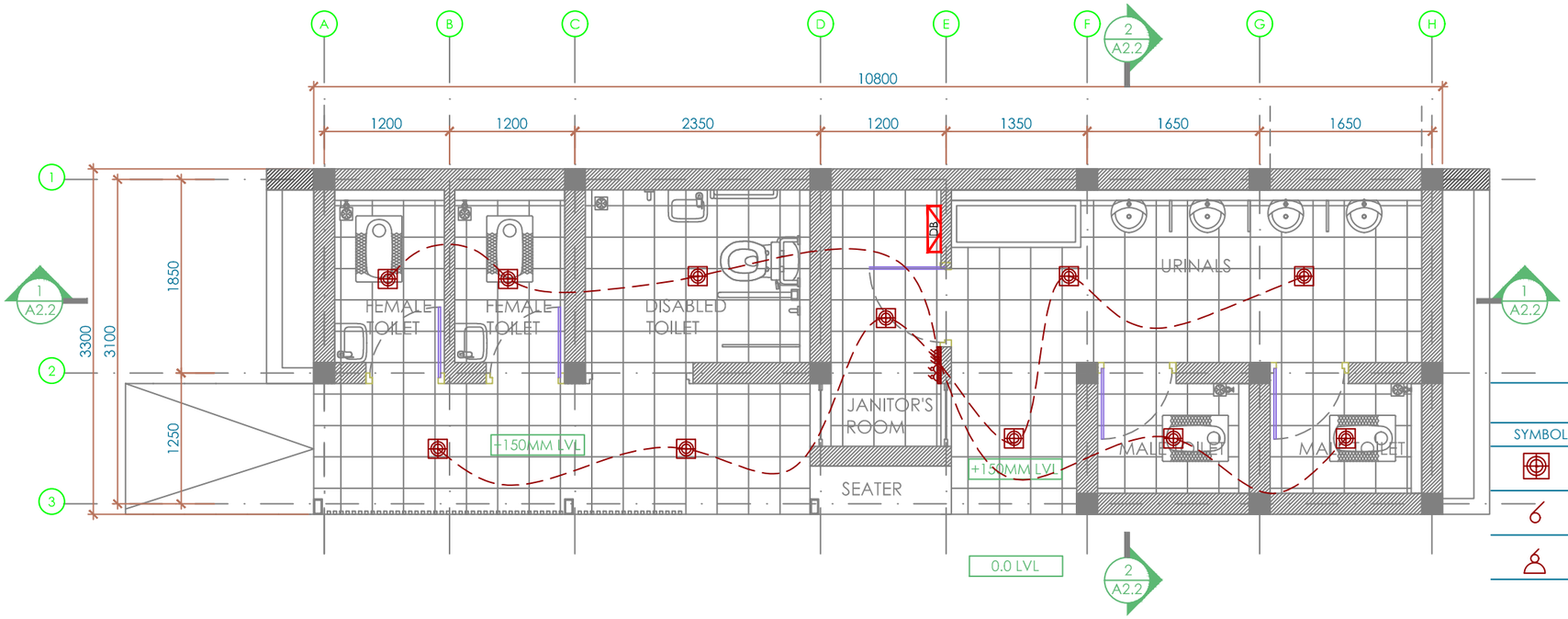
TITLE :

TYPE 02 MICRO

GOOD FOR CONSTRUCTION



1 MEDIUM TOILET - PLAN
SCALE 1:50



2 ELECTRICAL PLAN
SCALE 1:50

LEGEND	
SYMBOL	DESCRIPTION
	ceiling light point
	5 AMP one way switch
	5 AMP outlet with switch on UPS

NOTES AND SPECIFICATION :

1) Follow only the figured dimensions. All dimensions are in mm unless otherwise mentioned. This drg. should not be scaledout.Further,changes if necessary in the details of this drg. for any reasons whatever. approval may be obtained before execution.
2) The cement strength should be assessed before casting. The quality, strength and other standards of cement should conform to the specifications in I.S.269 &I.S.8112 etc.,relavant and applicable standards.
3) Cement concrete should be of grade: M25 for ALL R.C.C WORKS as per I.S.456-2000 unless otherwise specified.
4) Steel to be used for reinforcements should be:-
   a) Tested quality high strength deformed bars (wherever denoted as 'Y' whose standards should strictly conform to the specification in I.S.1786-2008.
5) Fabrication details of the reinforcing bars such as the laps, hooks,bends etc., should strictly confirm to the specifications I.S.456, I.S.2502 and allied standards, laps should strictly be avoided in the main rods of cantilevers and in their anchorage lengths. in other cases it should be 50 times the diameter of the bars in tension zone and 40 times the diameter of the bars in compression zone.
6) Clear cover to be provided for the reinforcements ;
   50 mm for footings; 30 mm for beams
   40 mm for columns; 25 mm for slabs
7) Grade of Steel - Fe 500
8) a) The SBC considered for foundation design is 150 kN/m² at a depth 1.5MT formed Ground level as per soil report.
   b) If any variation in the above said value of SBC is observed during the time of execution, the revised details of foundations may please be obtained from this office before execution.
9) Foundation should be laid at the depth as recommended in the soil test report.
10) All the footings should be laid at common level. Otherwise the stipulation in I.S. 1904-1986 should be scrupulously followed.
11) The Structure is designed for Ground floor only.
12) Loose pockets of soil if encountered should be completely removed and back filled with approved earth and should be well compacted before laying the PCC Bed.
13) Financial implications if any consequent to the details of this drawing shall be got approved from competent authority before execution.
14) The back fill of trenches shall be of good gravely soil or murrum.
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SHEET :

SCALE :

DISCIPLINE : ARCHITECTURAL

TITLE :

TYPE 02 MEDIUM